

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141168.D
 Acq On : 15 Jan 2025 11:45
 Operator : RC/JU
 Sample : PB166008BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166008BSD

Quant Time: Jan 15 12:05:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	146493	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	573218	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	303733	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	523103	20.000	ng	0.00
76) Chrysene-d12	13.986	240	352265	20.000	ng	0.00
86) Perylene-d12	15.445	264	315042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1191168	125.611	ng	0.01
7) Phenol-d6	6.445	99	1481195	123.308	ng	0.00
23) Nitrobenzene-d5	7.381	82	935790	86.537	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	485556	140.300	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1701144	85.527	ng	0.00
79) Terphenyl-d14	12.933	244	2030008	85.652	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	161811	38.317	ng	99
3) Pyridine	3.369	79	407919	39.391	ng	98
4) n-Nitrosodimethylamine	3.322	42	224460	44.329	ng	99
6) Aniline	6.481	93	368371	34.541	ng	95
8) 2-Chlorophenol	6.604	128	476447	46.830	ng	97
9) Benzaldehyde	6.369	77	59584	8.422	ng	99
10) Phenol	6.463	94	563229	43.802	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	425393	44.391	ng	97
12) 1,3-Dichlorobenzene	6.763	146	486450	42.869	ng	99
13) 1,4-Dichlorobenzene	6.839	146	496989	43.463	ng	100
14) 1,2-Dichlorobenzene	6.992	146	477271	44.746	ng	97
15) Benzyl Alcohol	6.963	79	407897	47.021	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.092	45	569617	42.597	ng	96
17) 2-Methylphenol	7.069	107	374825	45.633	ng	99
18) Hexachloroethane	7.334	117	179970	43.522	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	311520	44.025	ng	98
20) 3+4-Methylphenols	7.222	107	464890	44.862	ng	92
22) Acetophenone	7.228	105	613904	45.051	ng	# 95
24) Nitrobenzene	7.404	77	483875	42.934	ng	99
25) Isophorone	7.639	82	834967	45.182	ng	99
26) 2-Nitrophenol	7.716	139	246833	48.147	ng	96
27) 2,4-Dimethylphenol	7.751	122	372767	53.906	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	506889	43.706	ng	100
29) 2,4-Dichlorophenol	7.957	162	378796	46.123	ng	100
30) 1,2,4-Trichlorobenzene	8.045	180	399531	42.560	ng	99
31) Naphthalene	8.128	128	1342221	44.402	ng	100
32) Benzoic acid	7.869	122	301840	45.503	ng	99
33) 4-Chloroaniline	8.169	127	181657	17.376	ng	100
34) Hexachlorobutadiene	8.245	225	244002	43.136	ng	99
35) Caprolactam	8.539	113	125953m	46.843	ng	
36) 4-Chloro-3-methylphenol	8.657	107	414723	46.173	ng	99
37) 2-Methylnaphthalene	8.816	142	859861	44.638	ng	99
38) 1-Methylnaphthalene	8.916	142	810751	42.706	ng	99
40) 1,2,4,5-Tetrachloroben...	8.980	216	395512	45.369	ng	99
41) Hexachlorocyclopentadiene	8.969	237	493924	173.176	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	284957	48.466	ng	99

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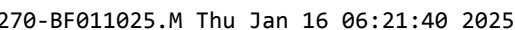
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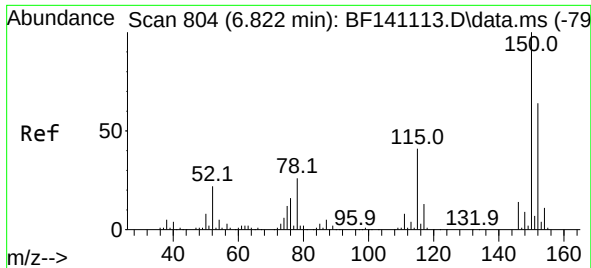
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	275833	44.421	ng	99
46) 1,1'-Biphenyl	9.280	154	1060310	44.951	ng	99
47) 2-Chloronaphthalene	9.304	162	807364	43.945	ng	99
48) 2-Nitroaniline	9.398	65	257049	47.199	ng	98
49) Acenaphthylene	9.722	152	1266501	48.251	ng	100
50) Dimethylphthalate	9.586	163	922601	45.246	ng	99
51) 2,6-Dinitrotoluene	9.645	165	213078	44.936	ng	98
52) Acenaphthene	9.892	154	944214	51.489	ng	99
53) 3-Nitroaniline	9.810	138	116646	24.207	ng	97
54) 2,4-Dinitrophenol	9.916	184	246347	109.300	ng	93
55) Dibenzofuran	10.069	168	1139644	45.689	ng	99
56) 4-Nitrophenol	9.975	139	382439	101.340	ng	98
57) 2,4-Dinitrotoluene	10.045	165	300331	49.147	ng	98
58) Fluorene	10.410	166	880610	45.442	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	250789	48.589	ng	98
60) Diethylphthalate	10.286	149	894747	44.947	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	415307	43.971	ng	99
62) 4-Nitroaniline	10.427	138	223076	47.299	ng	97
63) Azobenzene	10.563	77	880722	44.838	ng	100
65) 4,6-Dinitro-2-methylph...	10.457	198	164988	54.429	ng	96
66) n-Nitrosodiphenylamine	10.522	169	780044	46.232	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	274603	45.596	ng	99
68) Hexachlorobenzene	10.957	284	309895	46.224	ng	99
69) Atrazine	11.051	200	268869	59.183	ng	99
70) Pentachlorophenol	11.151	266	406356	94.648	ng	98
71) Phenanthrene	11.374	178	1354541	48.232	ng	99
72) Anthracene	11.422	178	1370985	50.206	ng	100
73) Carbazole	11.574	167	1234170	49.290	ng	100
74) Di-n-butylphthalate	11.910	149	1330469	46.431	ng	100
75) Fluoranthene	12.557	202	1425111	50.852	ng	99
77) Benzidine	12.680	184	309034	47.307	ng	100
78) Pyrene	12.786	202	1457548	43.320	ng	99
80) Butylbenzylphthalate	13.410	149	519534	46.314	ng	99
81) Benzo(a)anthracene	13.974	228	1055112	44.011	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	222070	29.091	ng	99
83) Chrysene	14.015	228	1036107	46.189	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	618113	45.923	ng	100
85) Di-n-octyl phthalate	14.586	149	901223	44.340	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	1040888	45.097	ng	98
88) Benzo(b)fluoranthene	15.021	252	898719	44.239	ng	100
89) Benzo(k)fluoranthene	15.051	252	880050	51.261	ng	100
90) Benzo(a)pyrene	15.386	252	837709	49.980	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	825053	44.196	ng	98
92) Benzo(g,h,i)perylene	17.339	276	790679	40.720	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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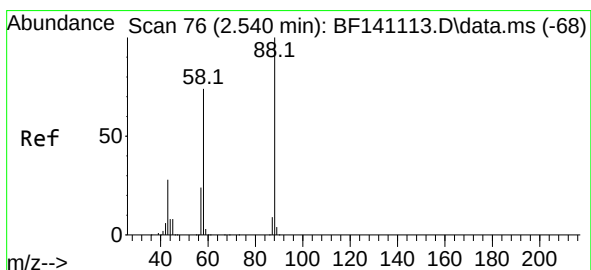
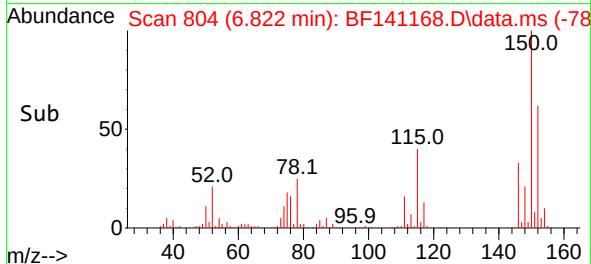
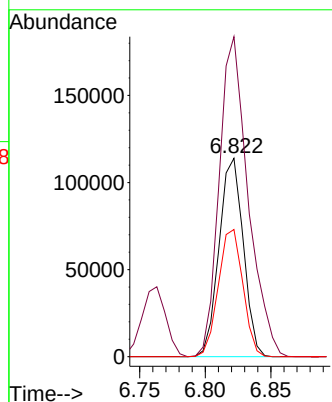
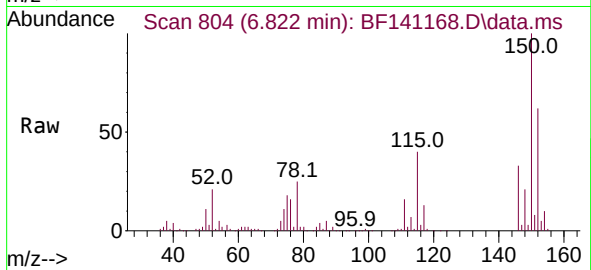




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141168.D
 Acq: 15 Jan 2025 11:45

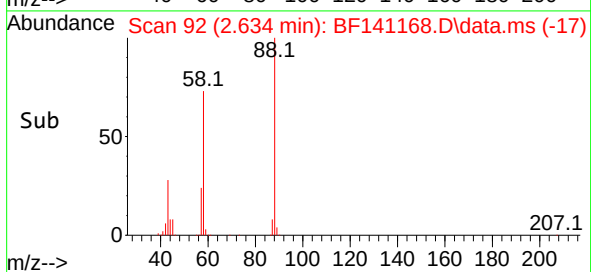
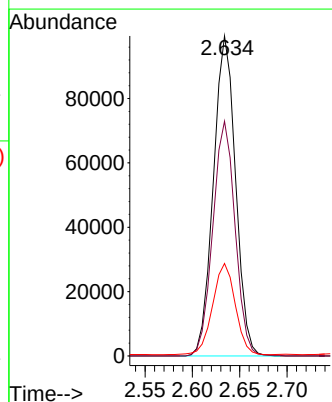
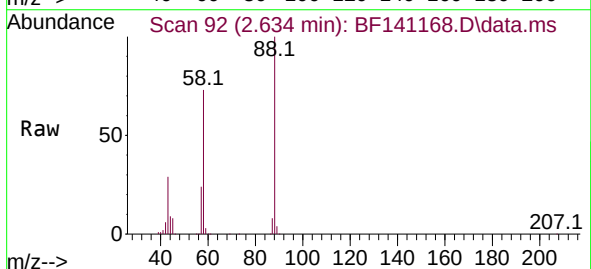
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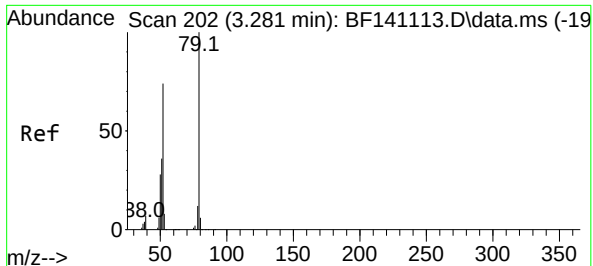
Tgt Ion:152 Resp: 146493
 Ion Ratio Lower Upper
 152 100
 150 161.3 125.8 188.8
 115 64.1 51.4 77.2



#2
 1,4-Dioxane
 Concen: 38.317 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF141168.D
 Acq: 15 Jan 2025 11:45

Tgt Ion: 88 Resp: 161811
 Ion Ratio Lower Upper
 88 100
 58 73.7 60.1 90.1
 43 29.2 23.1 34.7

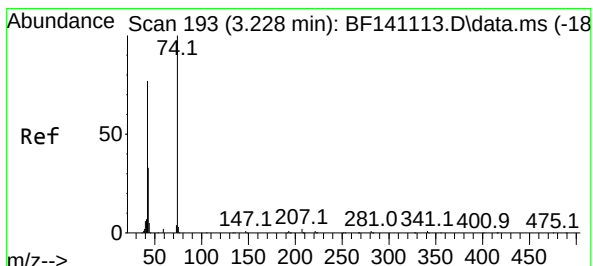
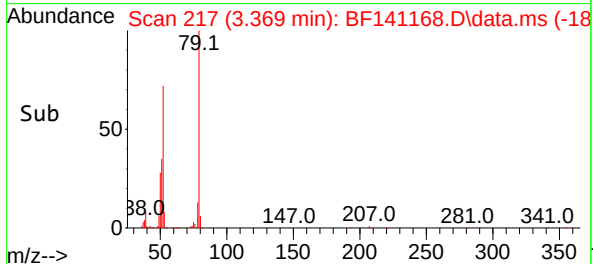
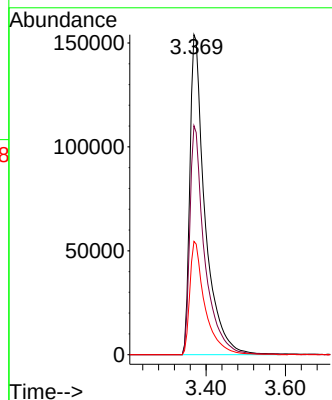
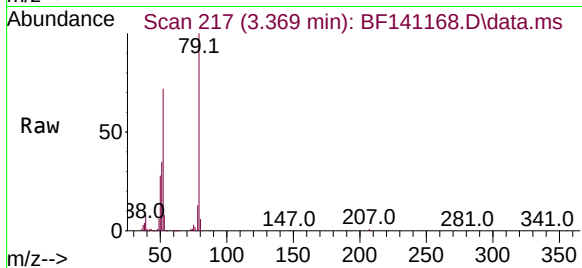




#3
 Pyridine
 Concen: 39.391 ng
 RT: 3.369 min Scan# 21
 Delta R.T. 0.088 min
 Lab File: BF141168.D
 Acq: 15 Jan 2025 11:45

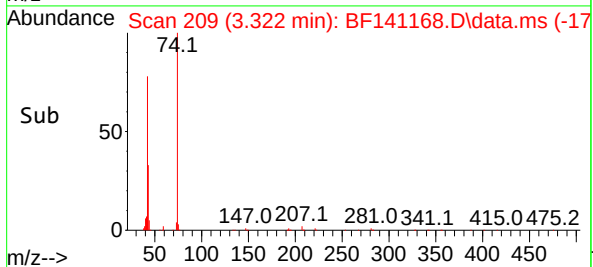
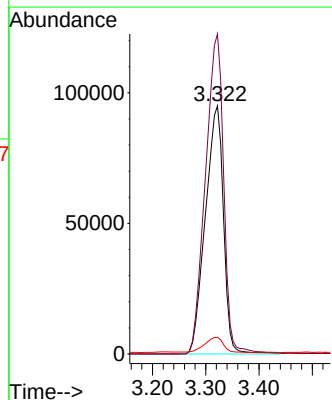
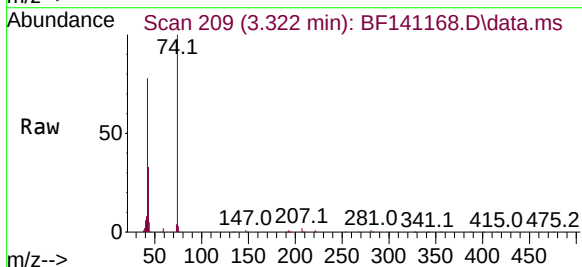
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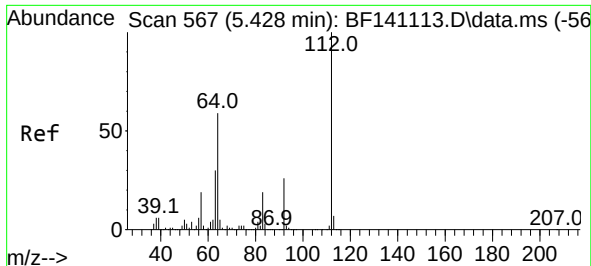
Tgt Ion: 79 Resp: 407919
 Ion Ratio Lower Upper
 79 100
 52 71.6 58.9 88.3
 51 35.4 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 44.329 ng
 RT: 3.322 min Scan# 209
 Delta R.T. 0.094 min
 Lab File: BF141168.D
 Acq: 15 Jan 2025 11:45

Tgt Ion: 42 Resp: 224460
 Ion Ratio Lower Upper
 42 100
 74 129.0 103.8 155.6
 44 6.7 5.3 7.9

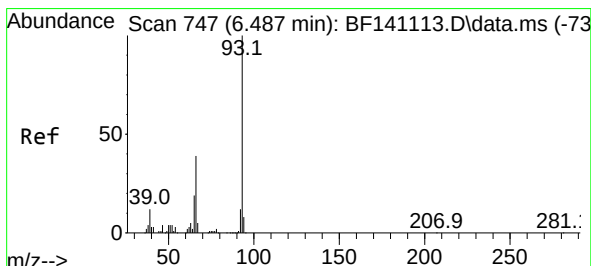
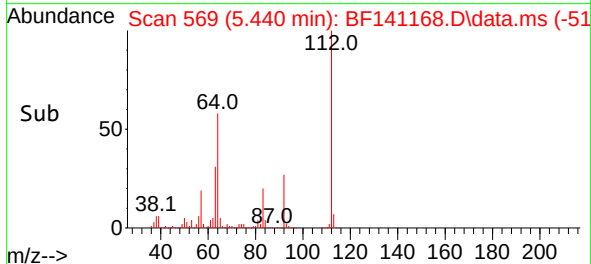
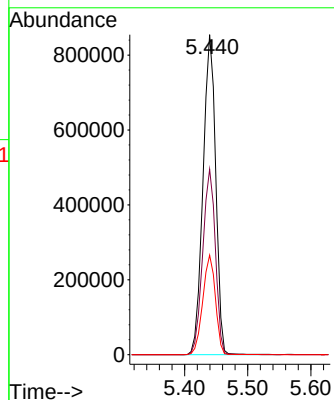
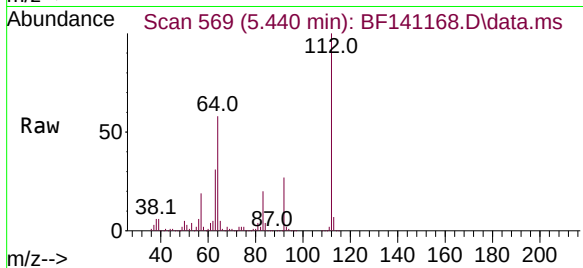




#5
2-Fluorophenol
Concen: 125.611 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

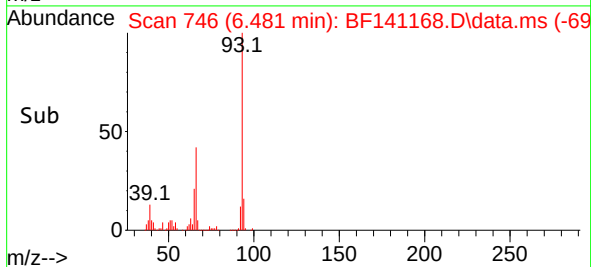
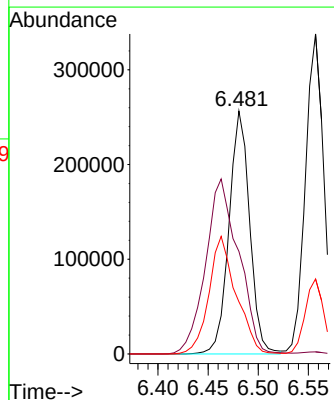
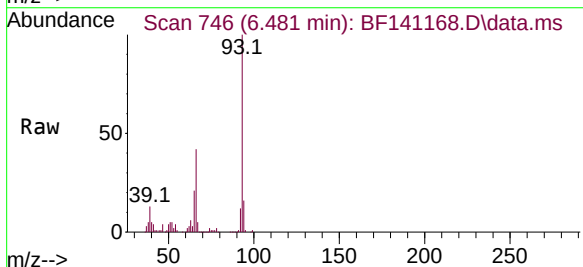
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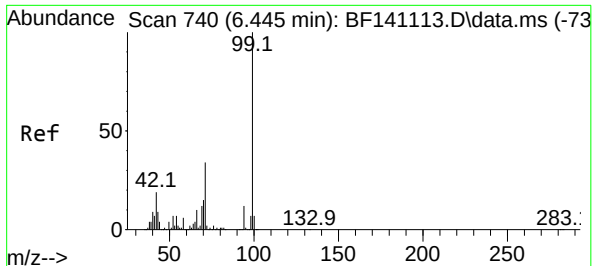
Tgt Ion:112 Resp: 1191168
Ion Ratio Lower Upper
112 100
64 57.9 47.3 70.9
63 31.1 24.2 36.2



#6
Aniline
Concen: 34.541 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion: 93 Resp: 368371
Ion Ratio Lower Upper
93 100
66 42.2 31.5 47.3
65 21.5 15.3 22.9

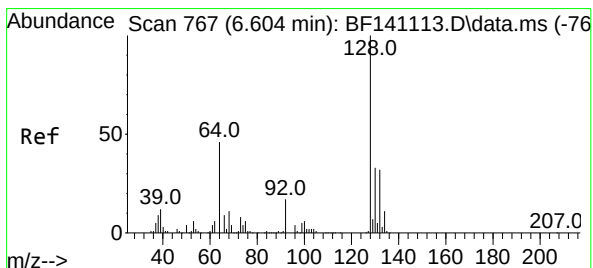
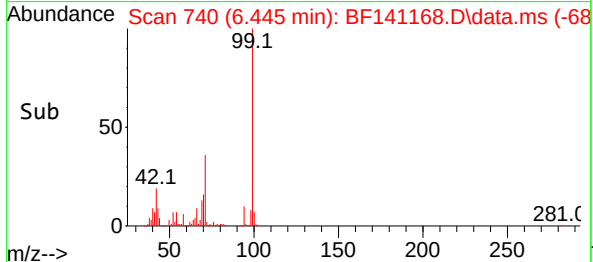
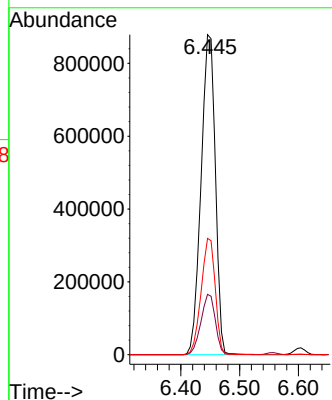
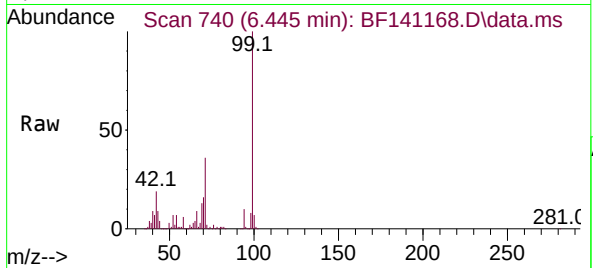




#7
Phenol-d6
Concen: 123.308 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

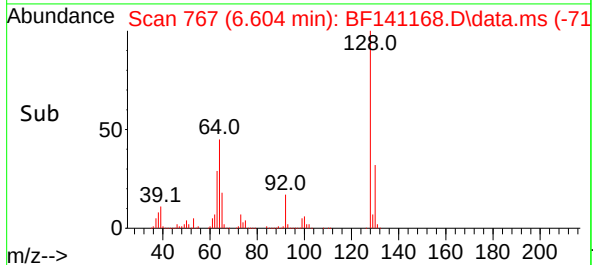
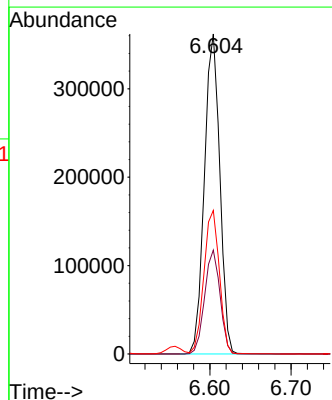
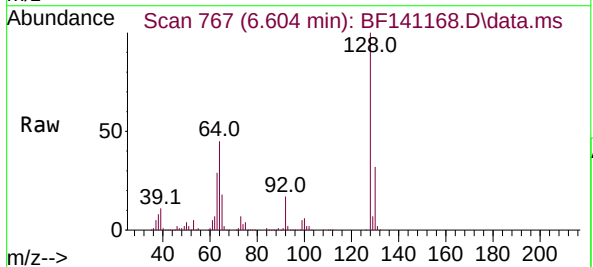
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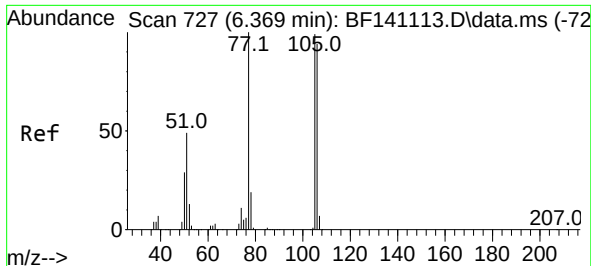
Tgt Ion: 99 Resp: 1481195
Ion Ratio Lower Upper
99 100
42 18.9 15.0 22.4
71 36.3 27.6 41.4



#8
2-Chlorophenol
Concen: 46.830 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:128 Resp: 476447
Ion Ratio Lower Upper
128 100
130 32.4 12.5 52.5
64 44.8 28.3 68.3

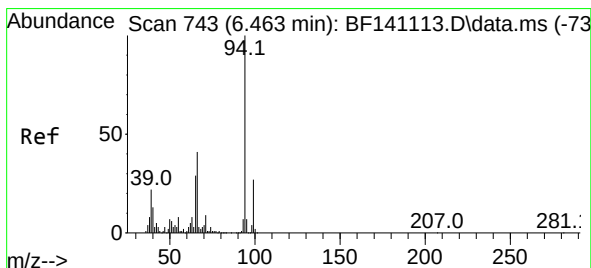
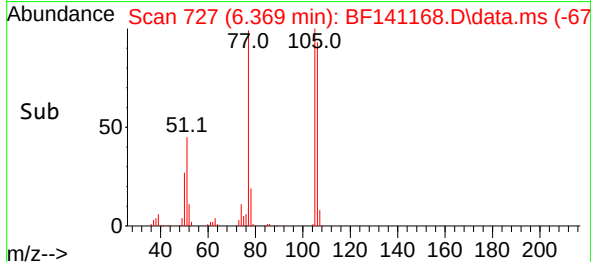
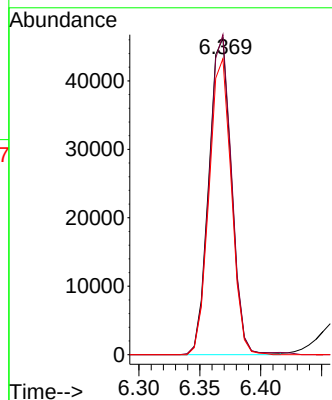
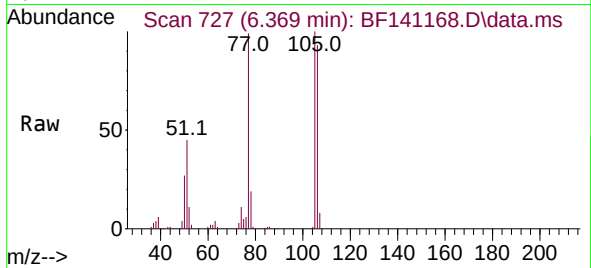




#9
Benzaldehyde
Concen: 8.422 ng
RT: 6.369 min Scan# 727
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

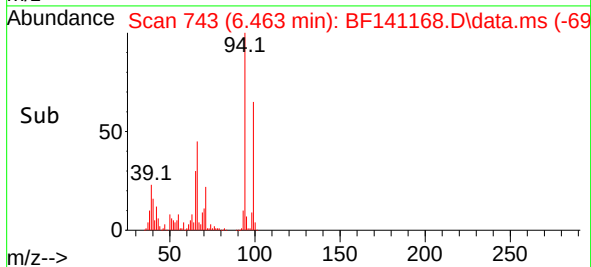
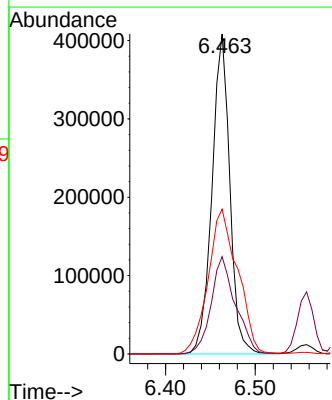
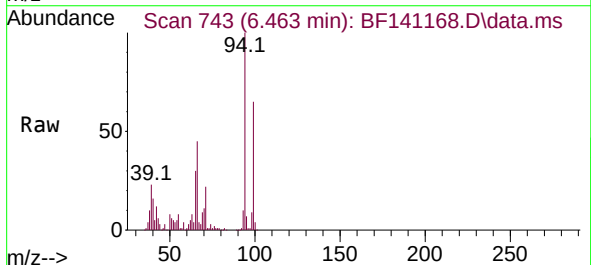
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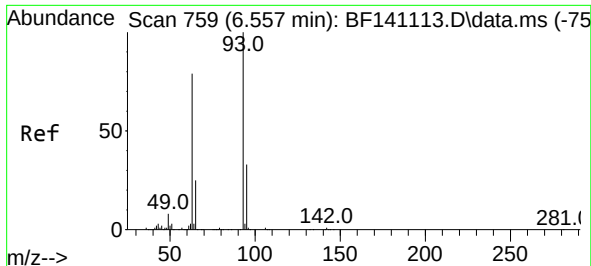
Tgt Ion: 77 Resp: 59584
Ion Ratio Lower Upper
77 100
105 101.2 78.9 118.9
106 93.7 73.6 113.6



#10
Phenol
Concen: 43.802 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion: 94 Resp: 563229
Ion Ratio Lower Upper
94 100
65 30.4 8.9 48.9
66 45.3 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 44.391 ng

RT: 6.557 min Scan# 759

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

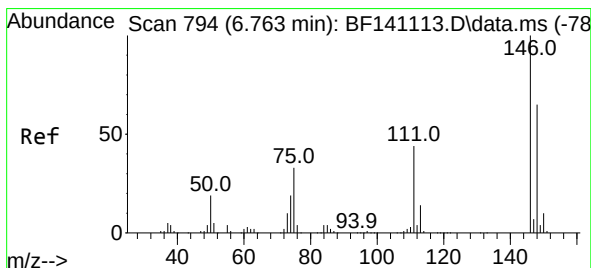
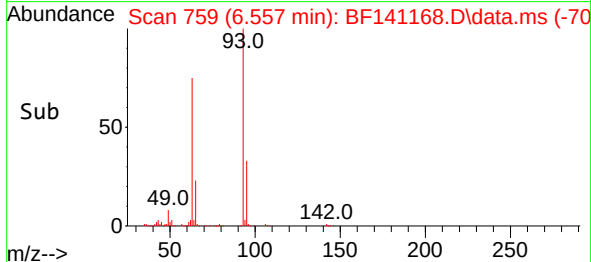
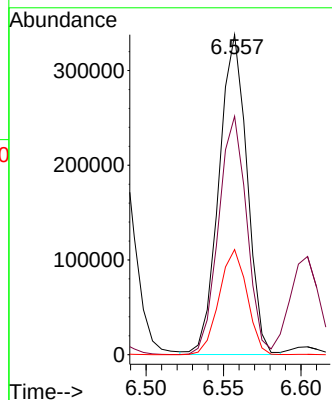
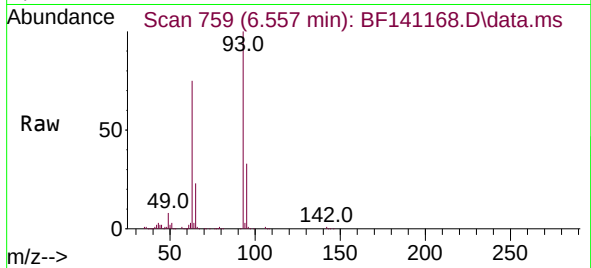
Tgt Ion: 93 Resp: 425393

Ion Ratio Lower Upper

93 100

63 74.5 58.0 98.0

95 32.8 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 42.869 ng

RT: 6.763 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

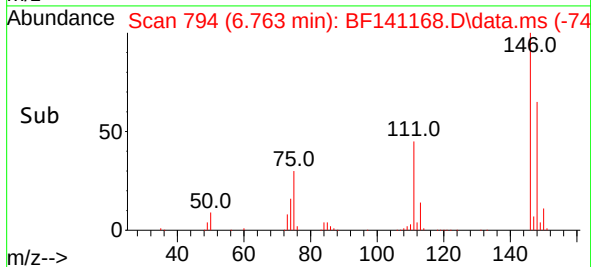
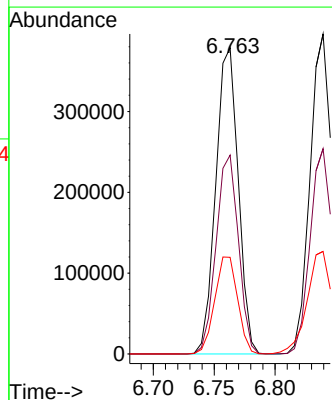
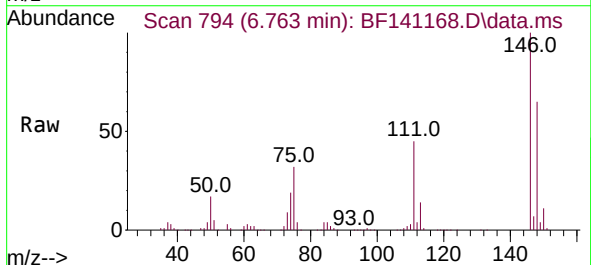
Tgt Ion:146 Resp: 486450

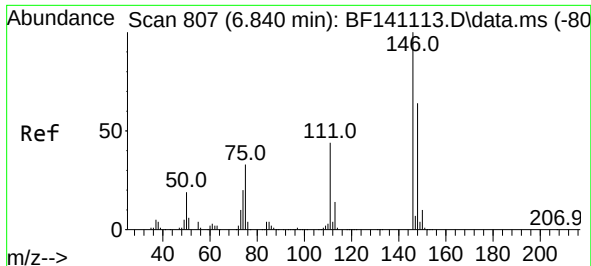
Ion Ratio Lower Upper

146 100

148 64.9 51.6 77.4

75 31.6 26.2 39.2

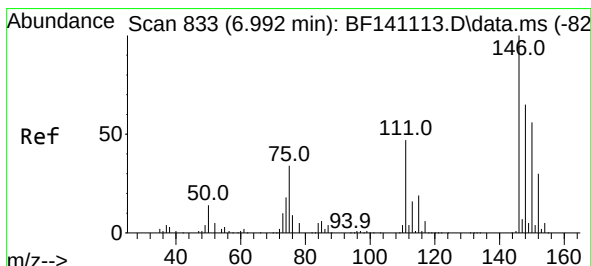
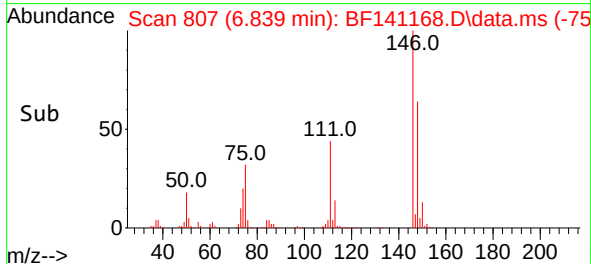
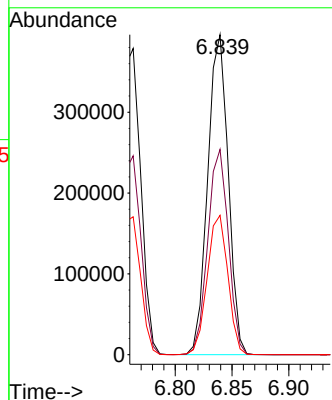
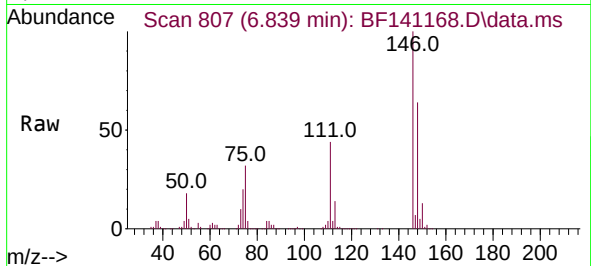




#13
1,4-Dichlorobenzene
Concen: 43.463 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

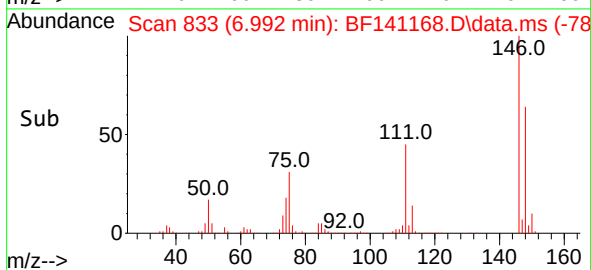
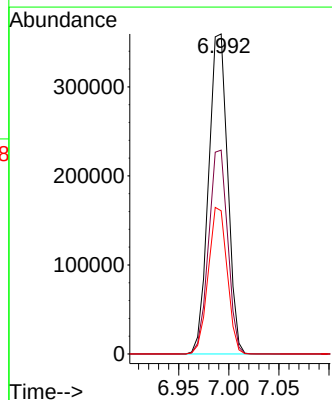
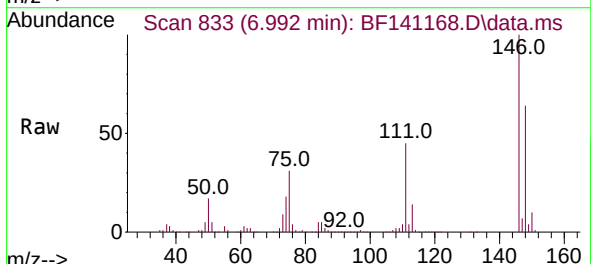
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

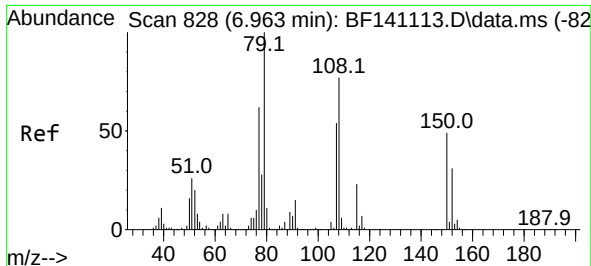
Tgt Ion:146 Resp: 496989
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.6
111 43.5 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 44.746 ng
RT: 6.992 min Scan# 833
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:146 Resp: 477271
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.4
111 44.7 37.5 56.3

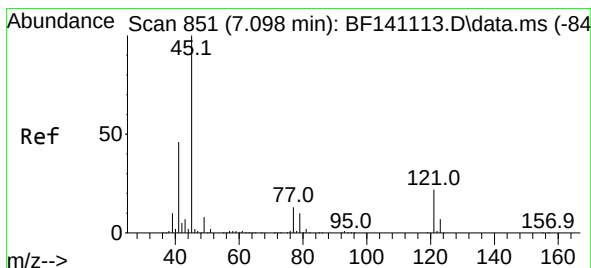
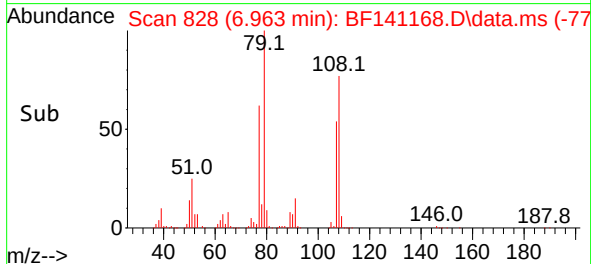
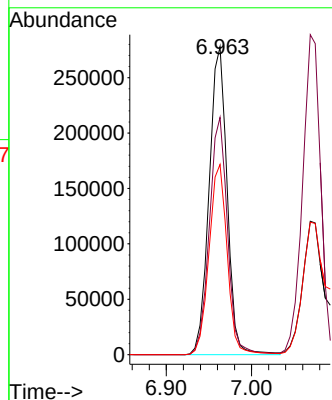
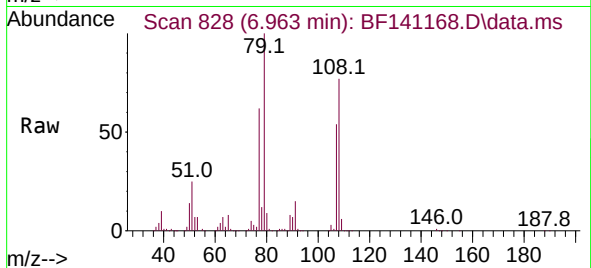




#15
Benzyl Alcohol
Concen: 47.021 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

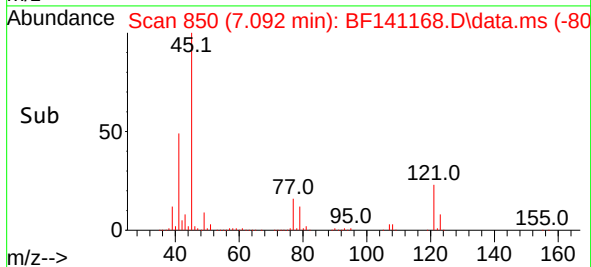
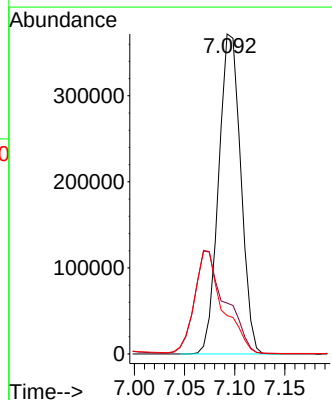
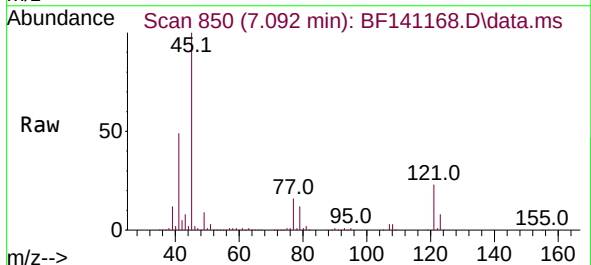
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

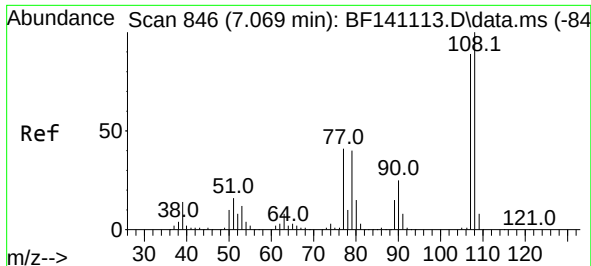
Tgt Ion: 79 Resp: 407897
Ion Ratio Lower Upper
79 100
108 77.0 61.4 92.0
77 61.8 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.597 ng
RT: 7.092 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion: 45 Resp: 569617
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.1
79 12.0 0.0 31.0



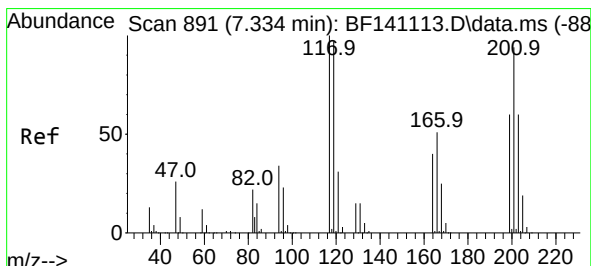
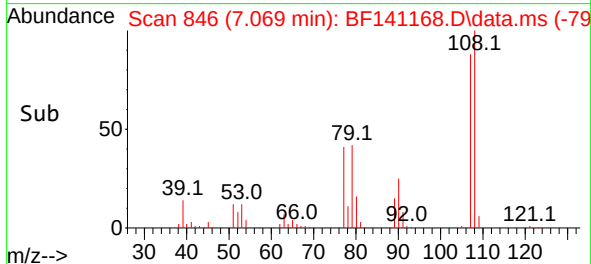
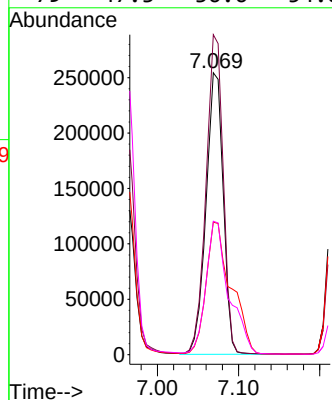
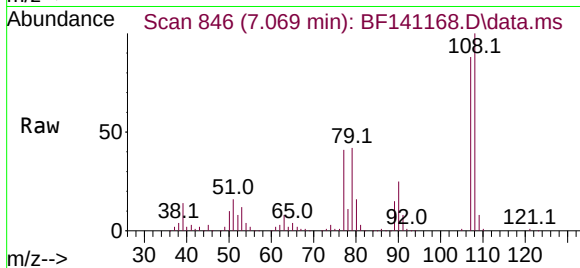


#17
2-Methylphenol
Concen: 45.633 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Instrument :
BNA_F
ClientSampleId :
PB166008BSD

Tgt Ion:107 Resp: 374825

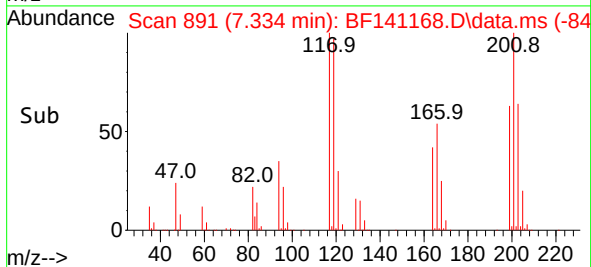
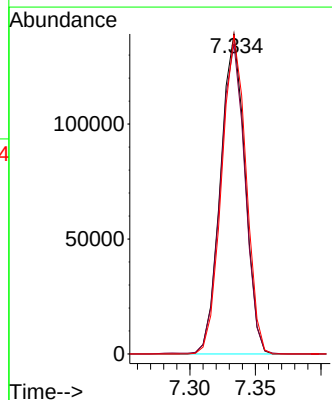
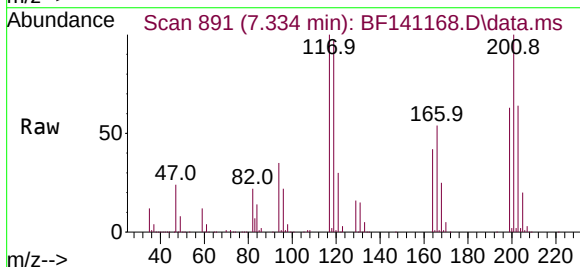
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.1	135.1
77	47.0	36.6	55.0
79	47.3	36.6	54.8

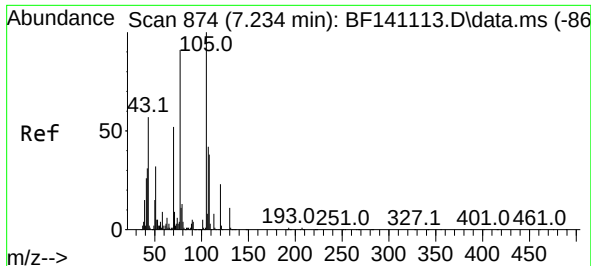


#18
Hexachloroethane
Concen: 43.522 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:117 Resp: 179970

Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.6	116.4
201	99.6	75.1	112.7



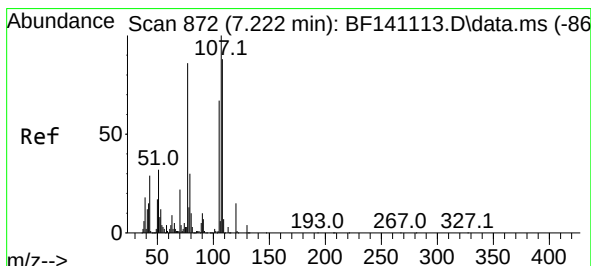
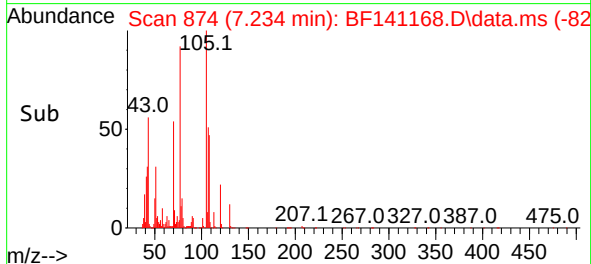
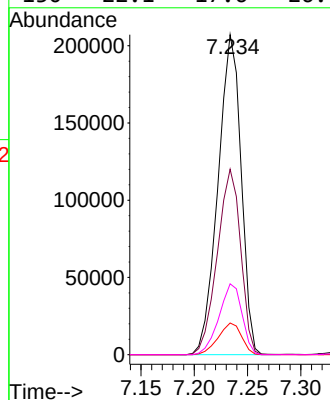
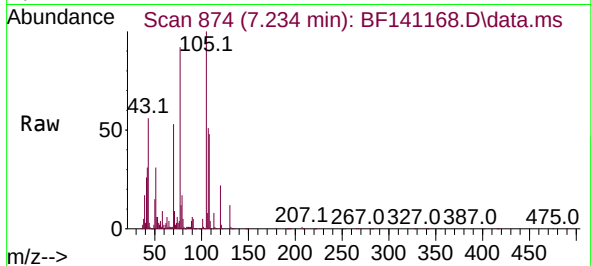


#19
n-Nitroso-di-n-propylamine
Concen: 44.025 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Instrument :
BNA_F
ClientSampleId :
PB166008BSD

Tgt Ion: 70 Resp: 311520

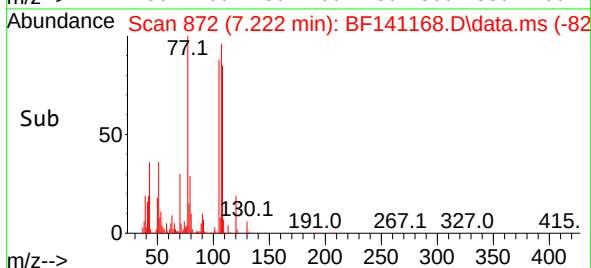
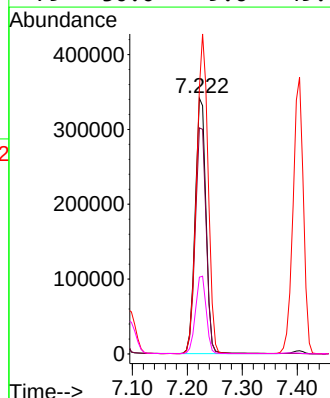
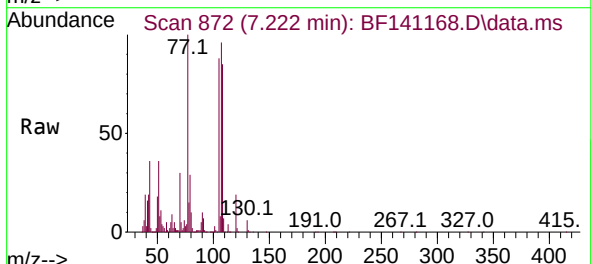
Ion	Ratio	Lower	Upper
70	100		
42	58.0	47.8	71.6
101	9.9	7.9	11.9
130	22.1	17.6	26.4

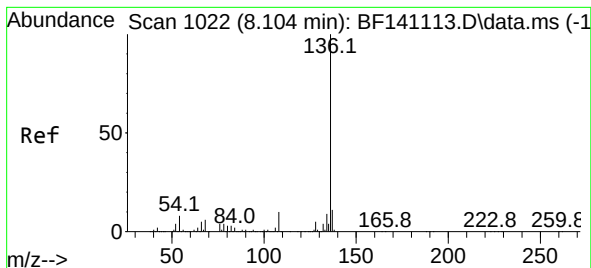


#20
3+4-Methylphenols
Concen: 44.862 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion: 107 Resp: 464890

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.3	108.3
77	104.0	66.4	106.4
79	30.0	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

Tgt Ion:136 Resp: 573218

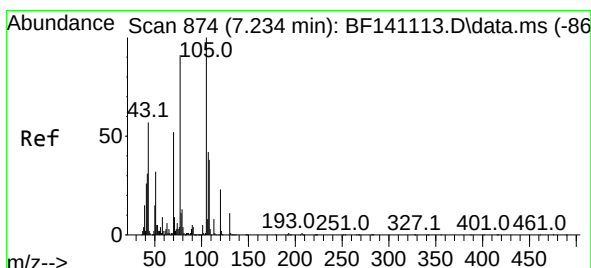
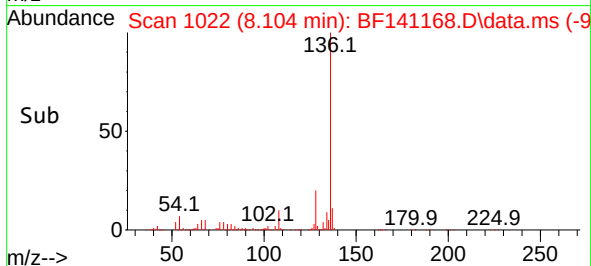
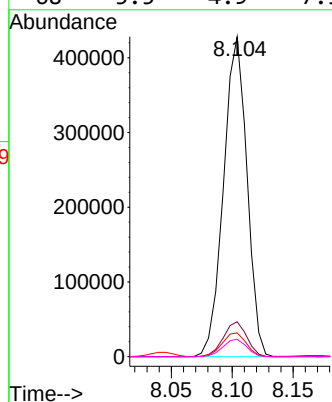
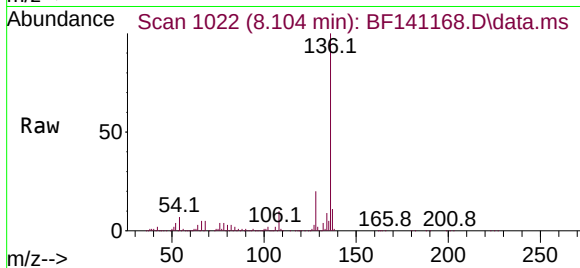
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.5 6.3 9.5

68 5.5 4.9 7.3



#22

Acetophenone

Concen: 45.051 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Tgt Ion:105 Resp: 613904

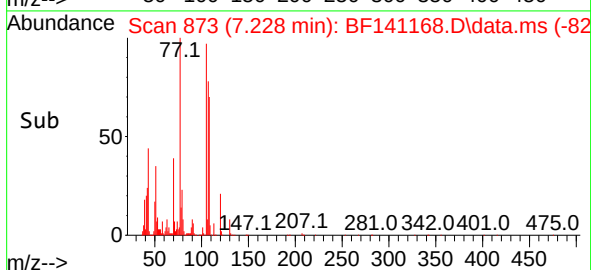
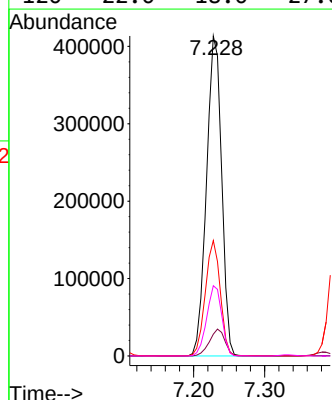
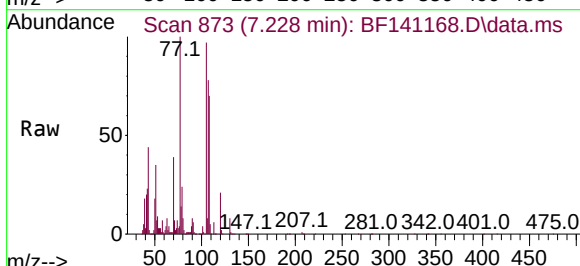
Ion Ratio Lower Upper

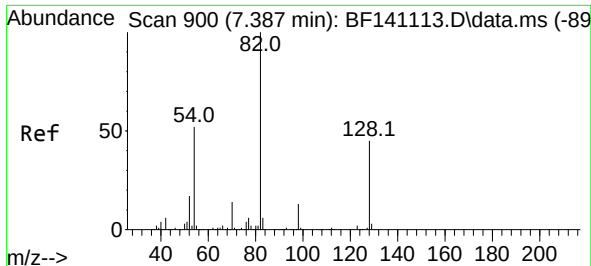
105 100

71 6.8 7.1 10.7#

51 36.1 25.4 38.2

120 22.0 18.0 27.0





#23

Nitrobenzene-d5

Concen: 86.537 ng

RT: 7.381 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

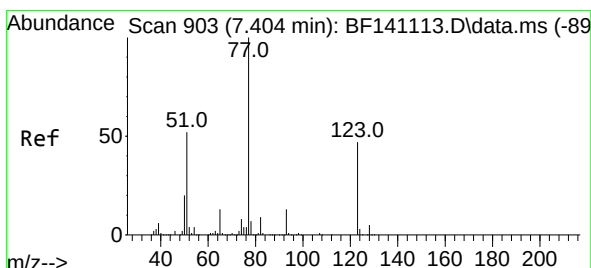
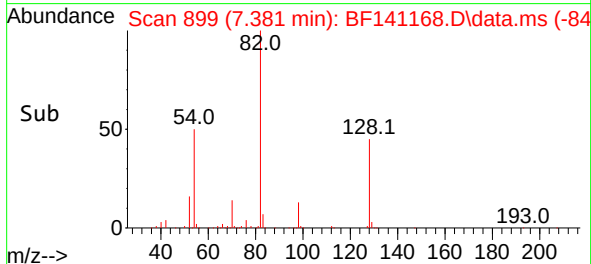
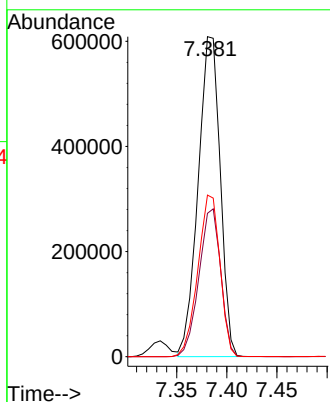
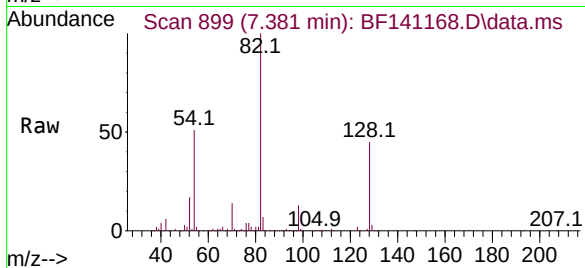
Tgt Ion: 82 Resp: 935790

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

54 50.5 41.0 61.4



#24

Nitrobenzene

Concen: 42.934 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

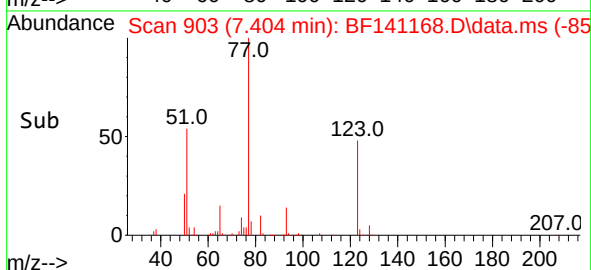
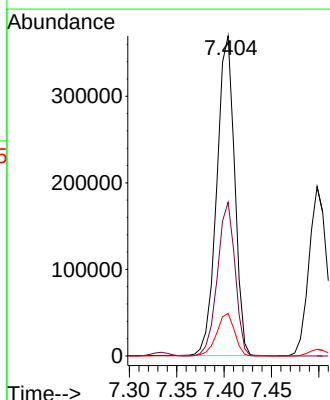
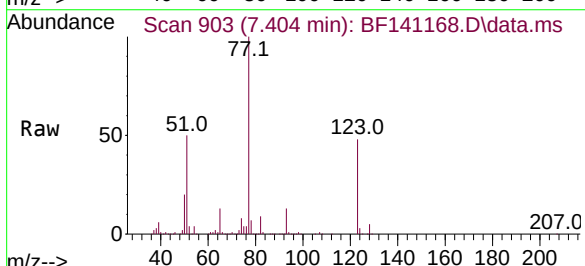
Tgt Ion: 77 Resp: 483875

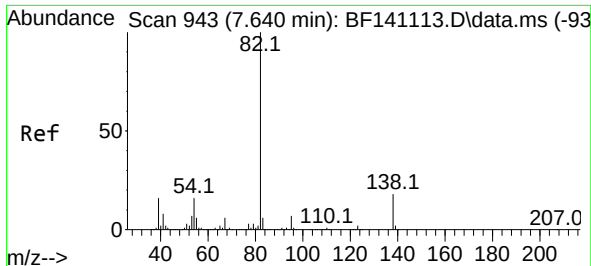
Ion Ratio Lower Upper

77 100

123 48.0 37.7 56.5

65 13.3 10.6 16.0

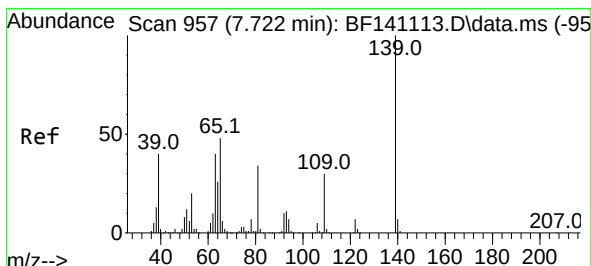
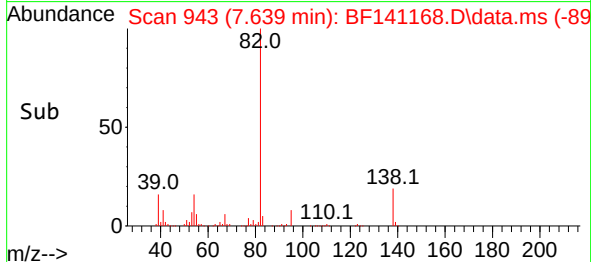
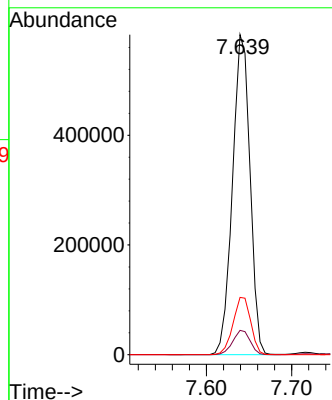
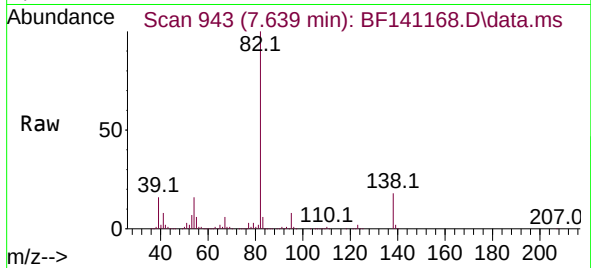




#25
Isophorone
Concen: 45.182 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

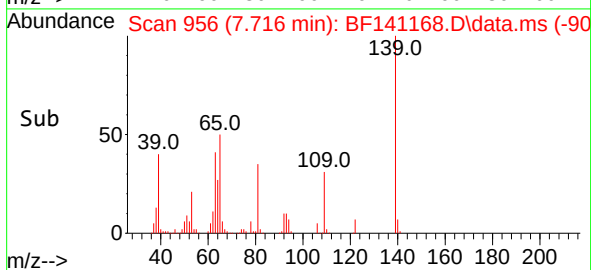
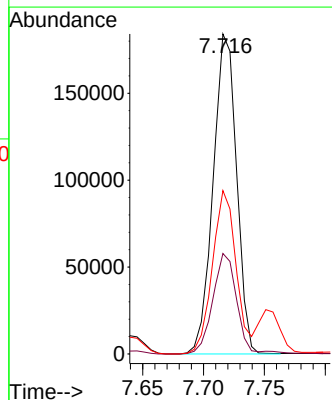
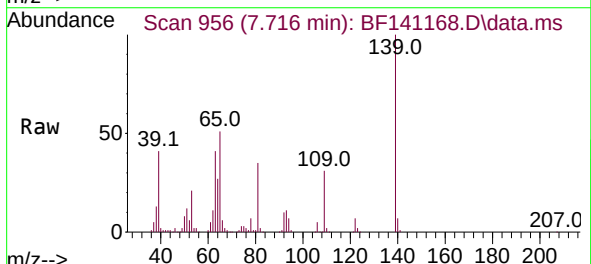
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

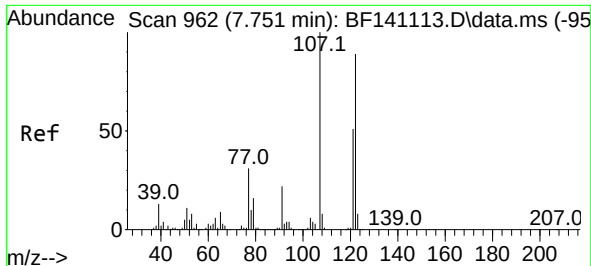
Tgt Ion: 82 Resp: 834967
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 17.9 14.2 21.2



#26
2-Nitrophenol
Concen: 48.147 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:139 Resp: 246833
Ion Ratio Lower Upper
139 100
109 31.4 23.8 35.6
65 51.1 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 53.906 ng

RT: 7.751 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

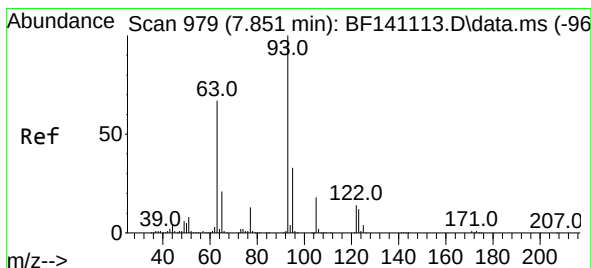
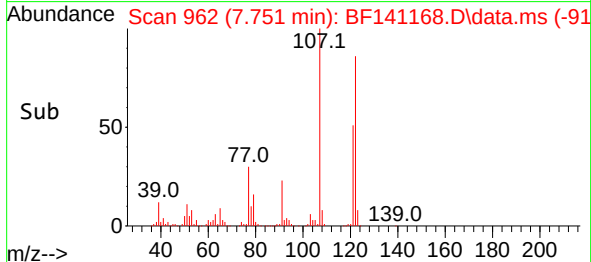
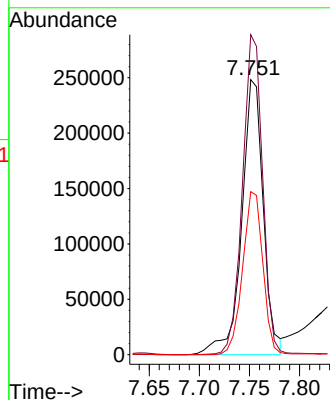
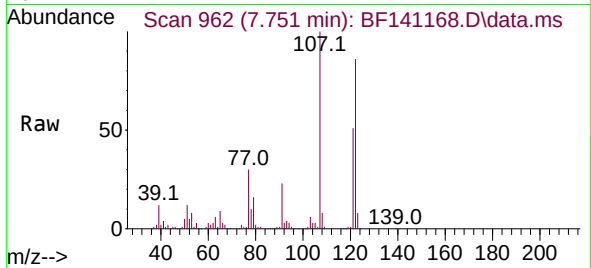
Tgt Ion:122 Resp: 372767

Ion Ratio Lower Upper

122 100

107 116.3 90.3 135.5

121 59.3 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 43.706 ng

RT: 7.851 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

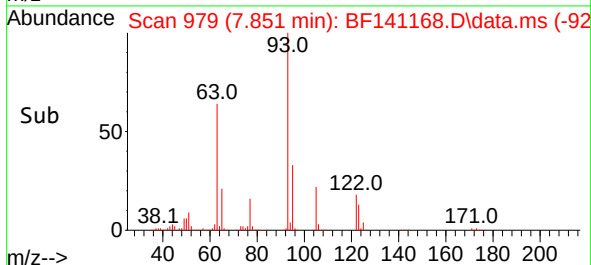
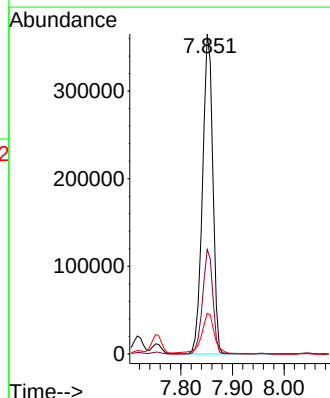
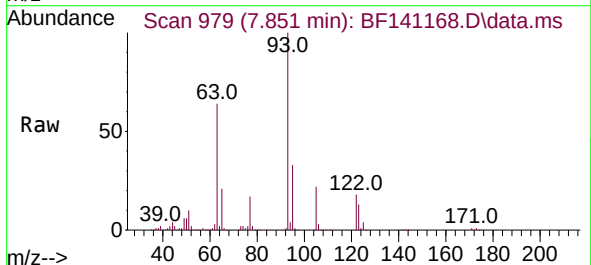
Tgt Ion: 93 Resp: 506889

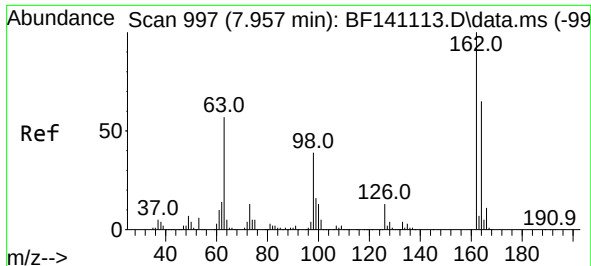
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.4

123 12.7 10.1 15.1

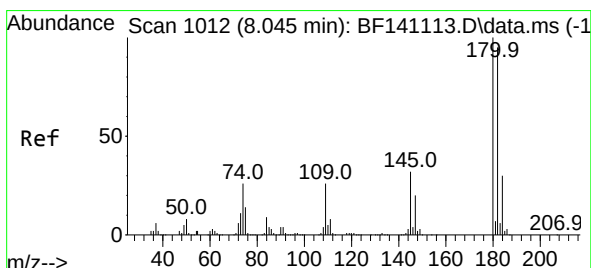
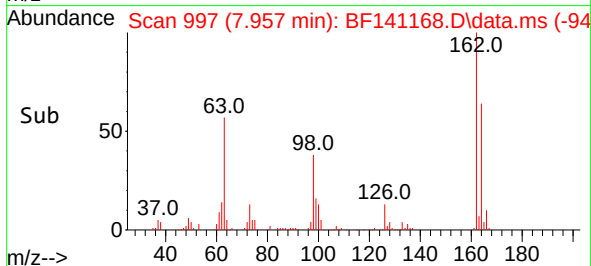
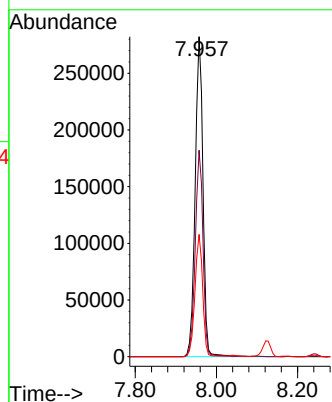
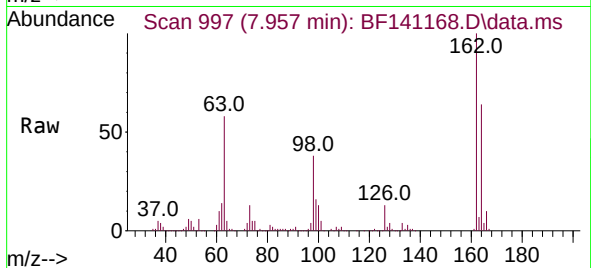




#29
2,4-Dichlorophenol
Concen: 46.123 ng
RT: 7.957 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

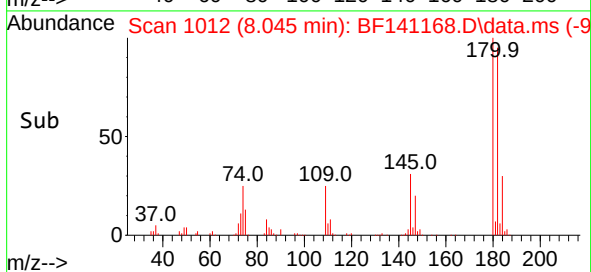
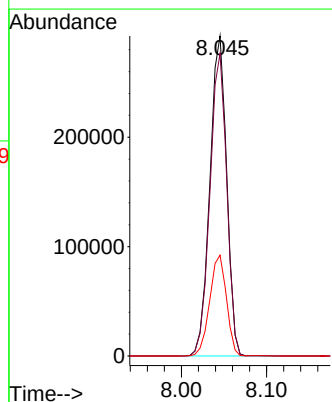
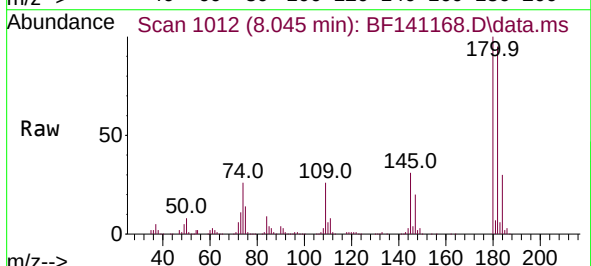
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

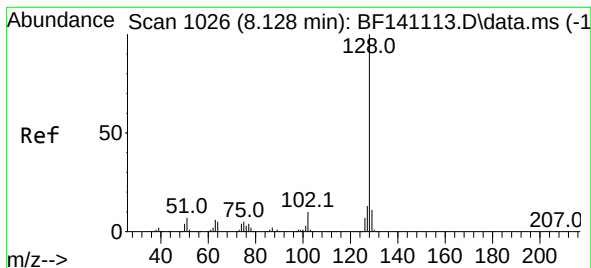
Tgt Ion:162 Resp: 378796
Ion Ratio Lower Upper
162 100
164 64.5 44.5 84.5
98 38.2 18.5 58.5



#30
1,2,4-Trichlorobenzene
Concen: 42.560 ng
RT: 8.045 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:180 Resp: 399531
Ion Ratio Lower Upper
180 100
182 94.5 76.2 114.2
145 31.5 25.3 37.9





#31

Naphthalene

Concen: 44.402 ng

RT: 8.128 min Scan# 1026

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

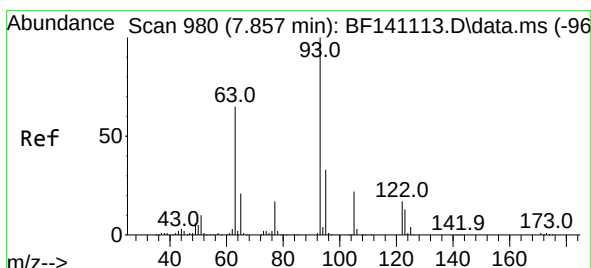
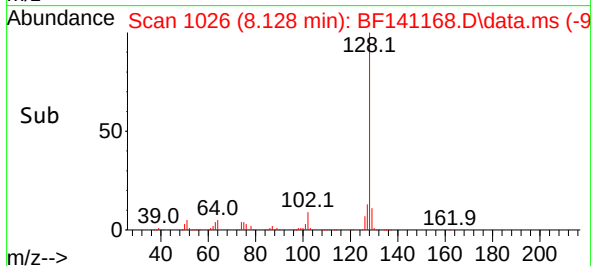
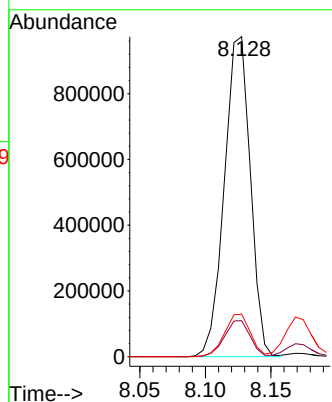
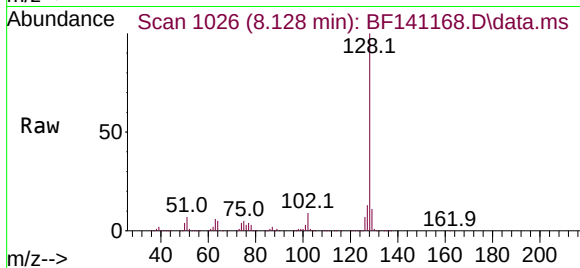
Tgt Ion:128 Resp: 1342221

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 45.503 ng

RT: 7.869 min Scan# 982

Delta R.T. 0.012 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

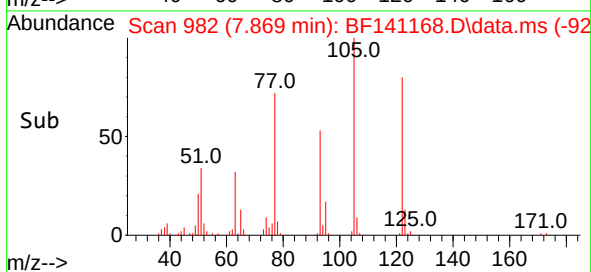
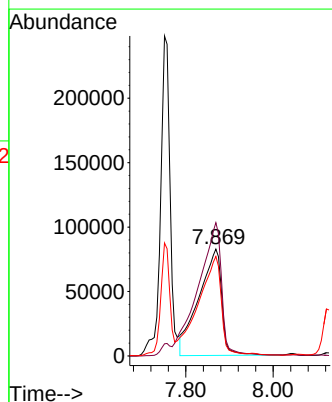
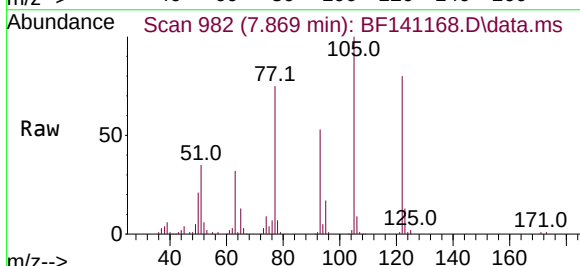
Tgt Ion:122 Resp: 301840

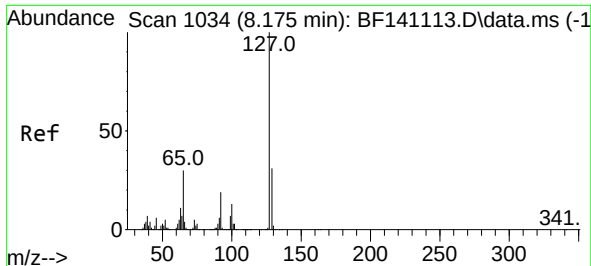
Ion Ratio Lower Upper

122 100

105 124.7 105.5 145.5

77 93.2 75.1 115.1

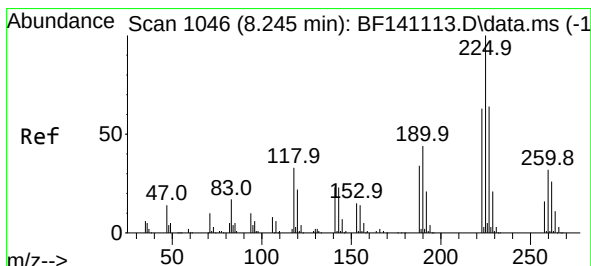
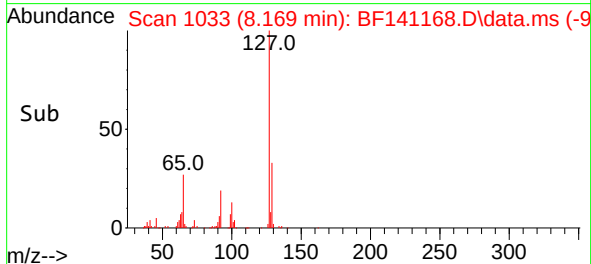
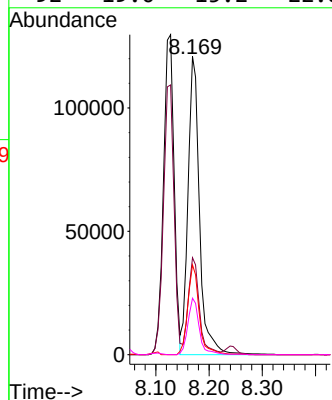
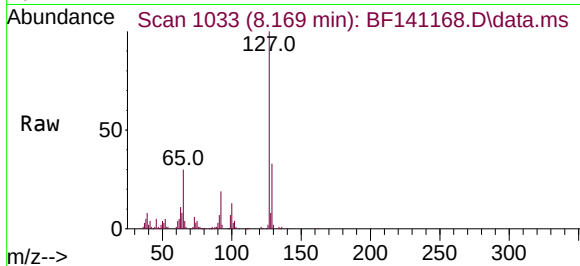




#33
4-Chloroaniline
Concen: 17.376 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

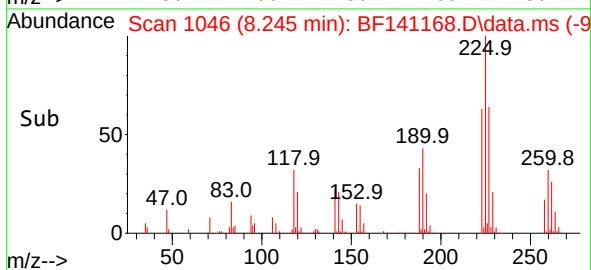
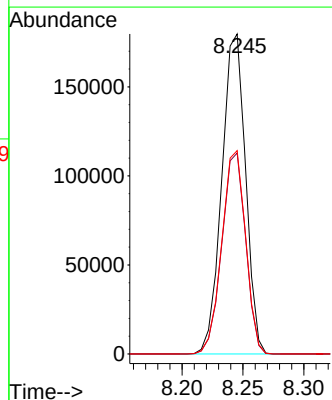
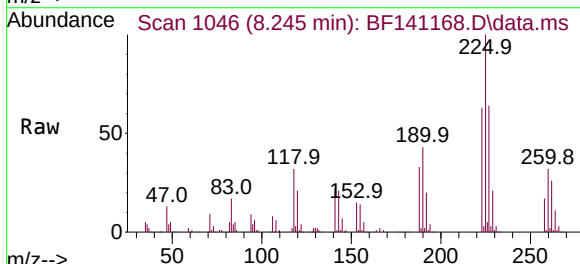
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

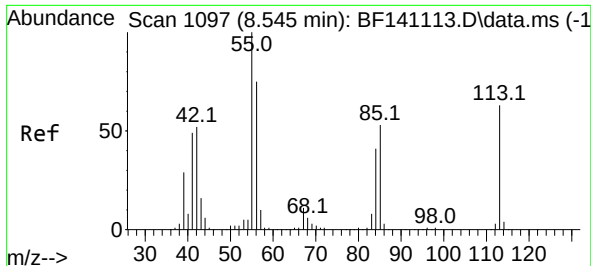
Tgt Ion:	127	Resp:	181657
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.9	38.9
65	30.1	23.8	35.8
92	19.0	15.2	22.8



#34
Hexachlorobutadiene
Concen: 43.136 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:	225	Resp:	244002
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.6	76.0
227	63.5	51.6	77.4

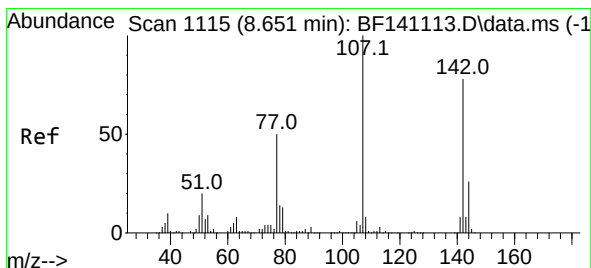
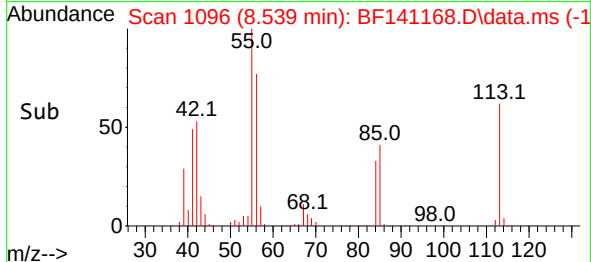
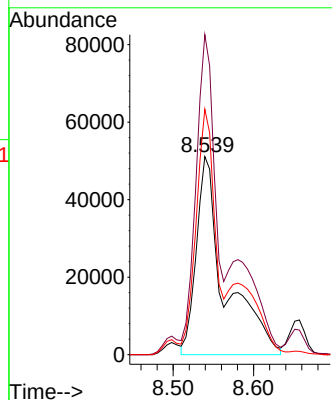
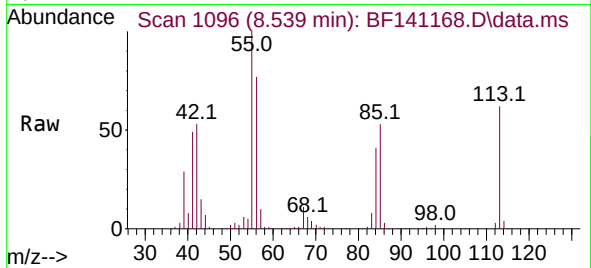




#35
Caprolactam
Concen: 46.843 ng m
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

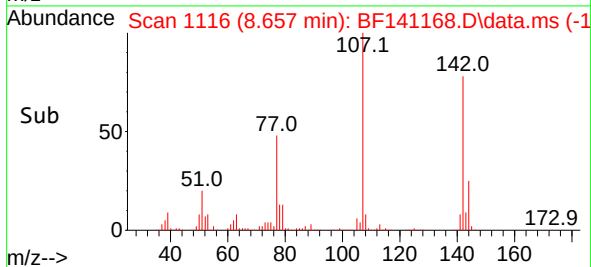
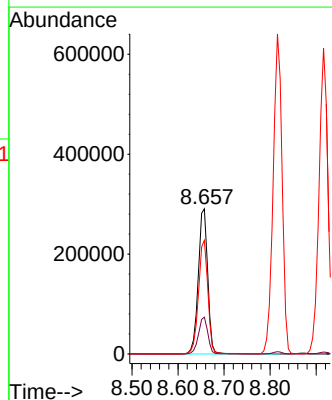
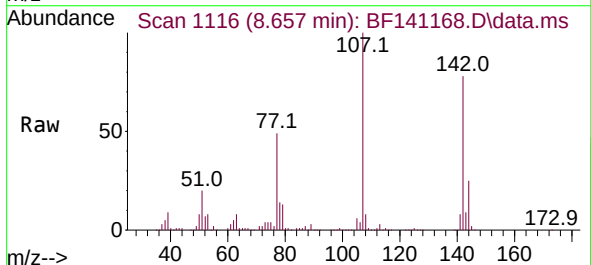
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

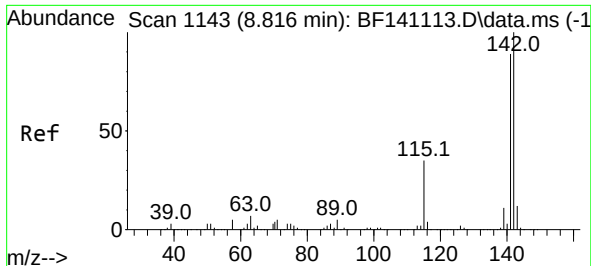
Tgt Ion:113 Resp: 125953
Ion Ratio Lower Upper
113 100
55 161.6 139.7 179.7
56 124.0 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 46.173 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:107 Resp: 414723
Ion Ratio Lower Upper
107 100
144 25.4 20.4 30.6
142 78.3 62.2 93.2





#37

2-Methylnaphthalene

Concen: 44.638 ng

RT: 8.816 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

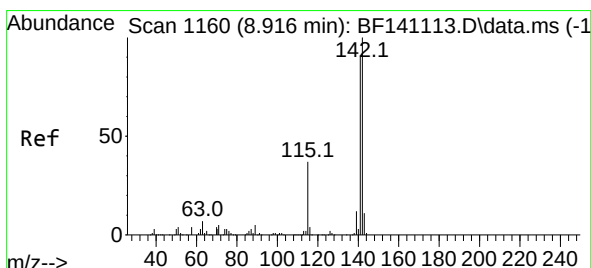
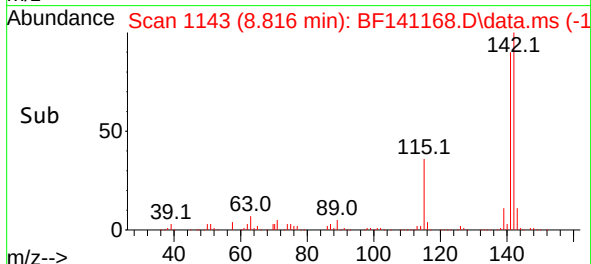
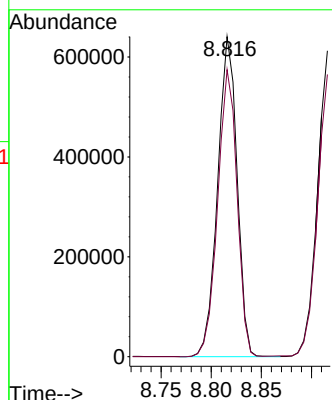
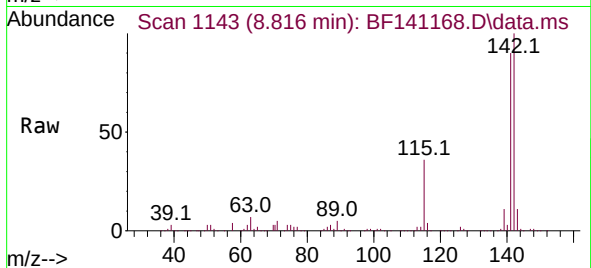
PB166008BSD

Tgt Ion:142 Resp: 859861

Ion Ratio Lower Upper

142 100

141 89.7 71.3 106.9



#38

1-Methylnaphthalene

Concen: 42.706 ng

RT: 8.916 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF141168.D

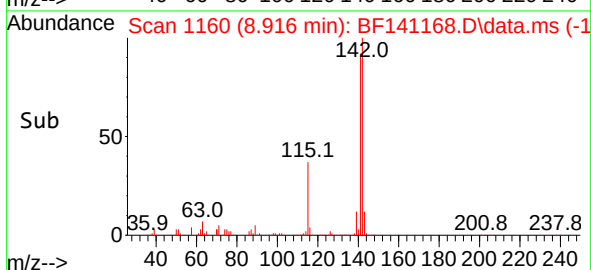
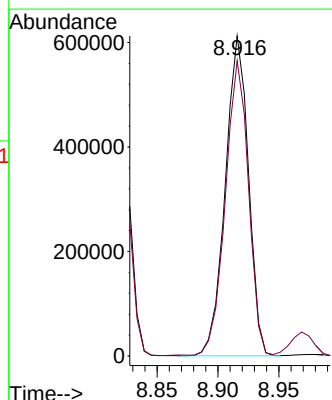
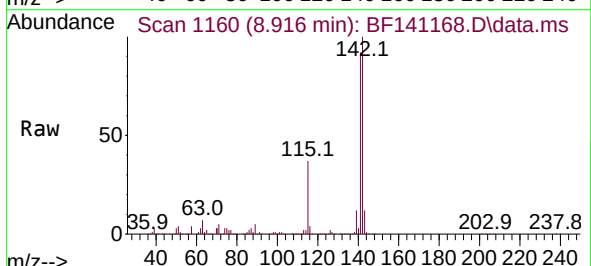
Acq: 15 Jan 2025 11:45

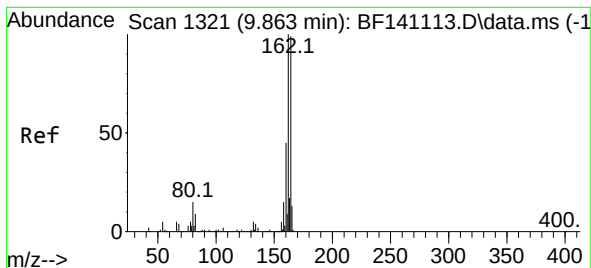
Tgt Ion:142 Resp: 810751

Ion Ratio Lower Upper

142 100

141 92.3 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

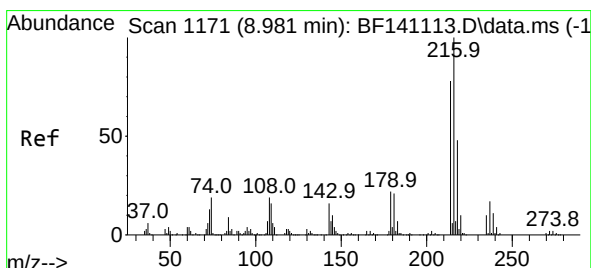
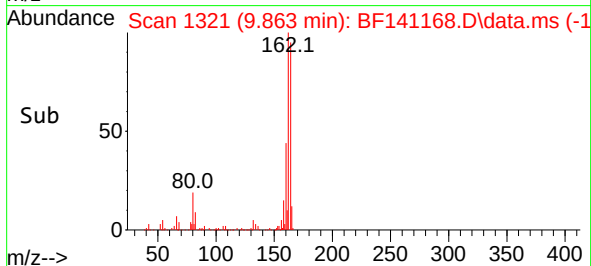
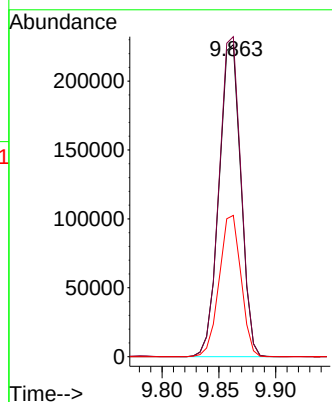
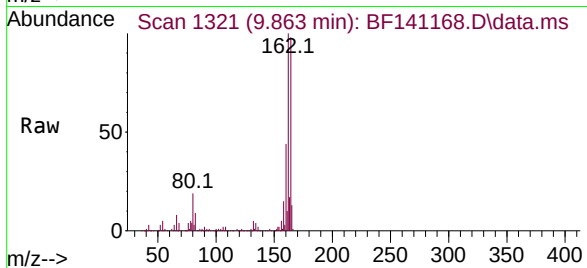
Tgt Ion:164 Resp: 303733

Ion Ratio Lower Upper

164 100

162 102.5 81.0 121.4

160 45.3 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.369 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Tgt Ion:216 Resp: 395512

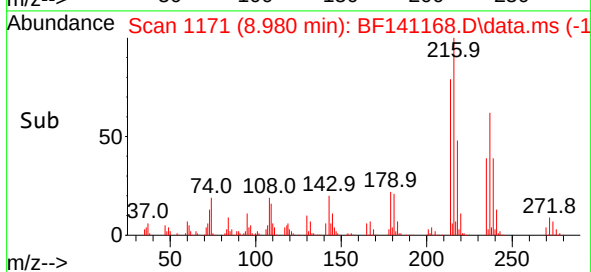
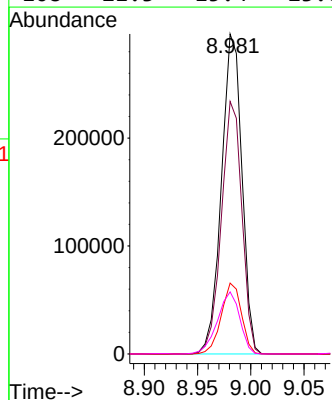
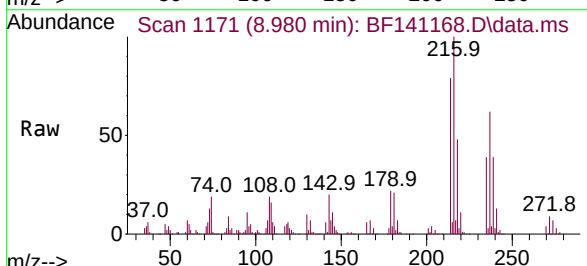
Ion Ratio Lower Upper

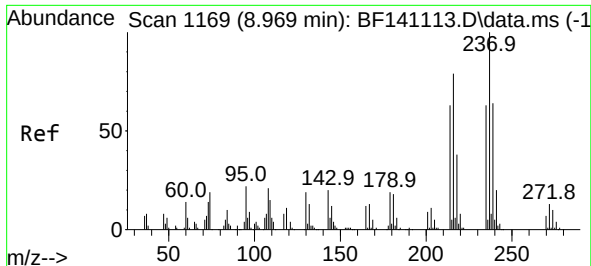
216 100

214 78.7 62.6 94.0

179 21.9 17.7 26.5

108 21.3 15.4 23.0

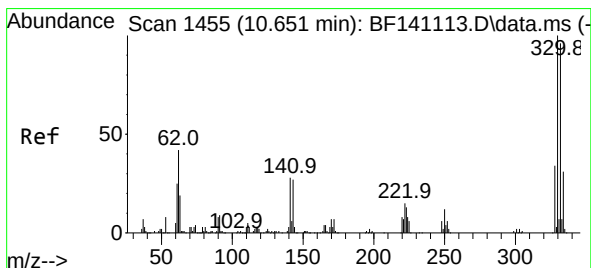
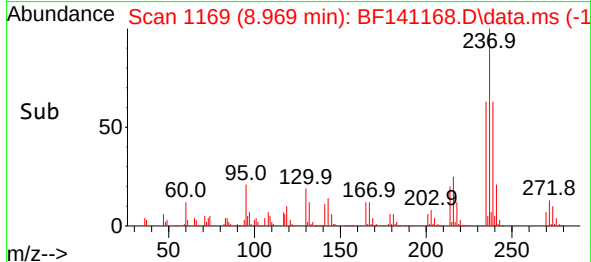
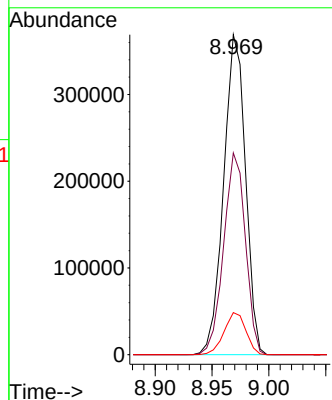
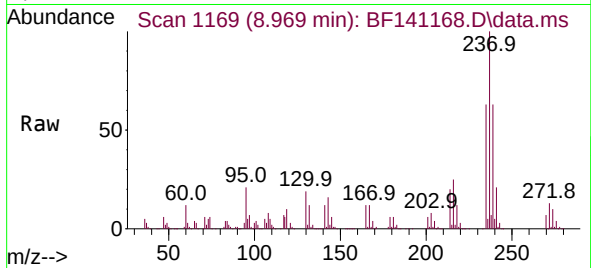




#41
Hexachlorocyclopentadiene
Concen: 173.176 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

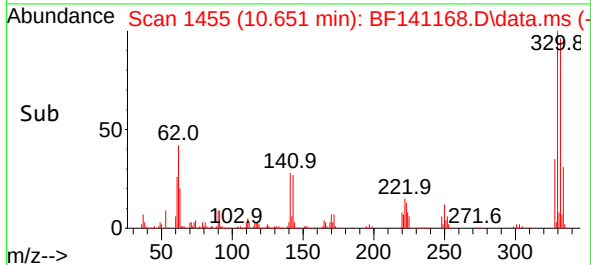
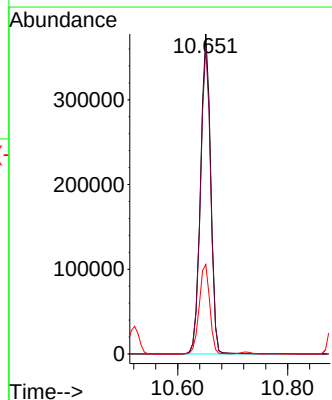
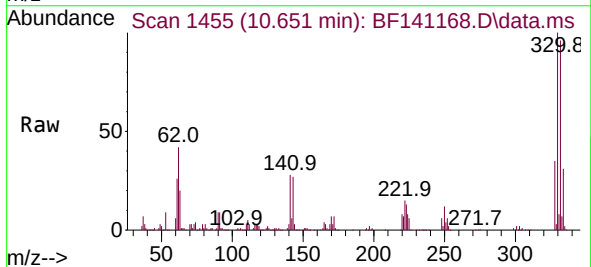
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

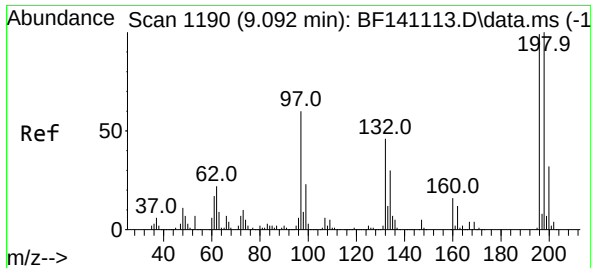
Tgt Ion:237 Resp: 493924
Ion Ratio Lower Upper
237 100
235 63.1 43.0 83.0
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 140.300 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:330 Resp: 485556
Ion Ratio Lower Upper
330 100
332 96.2 76.9 115.3
141 28.9 25.2 37.8

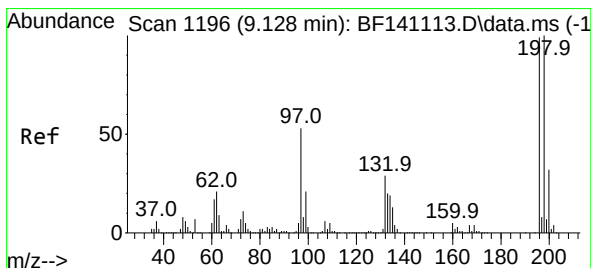
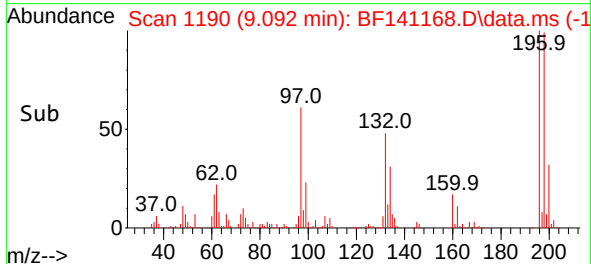
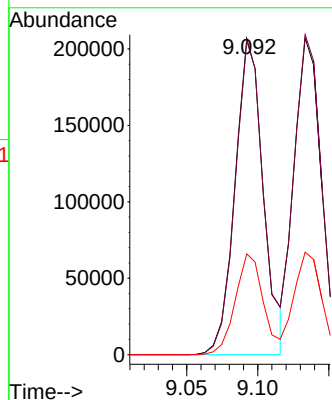
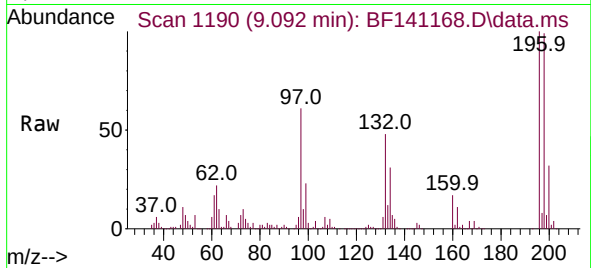




#43
2,4,6-Trichlorophenol
Concen: 48.466 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

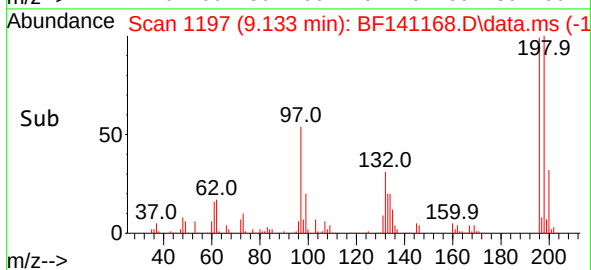
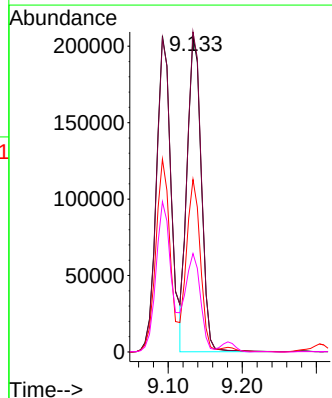
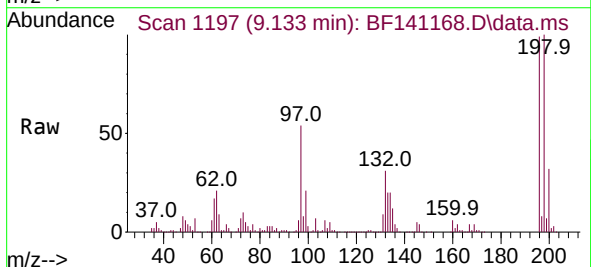
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

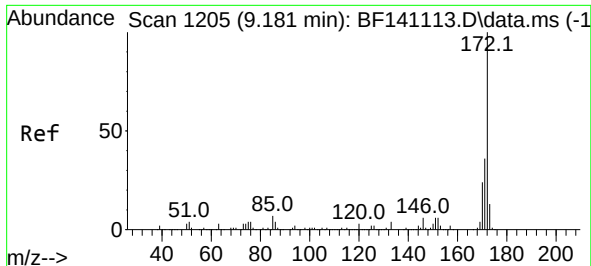
Tgt Ion:196 Resp: 284957
Ion Ratio Lower Upper
196 100
198 99.3 80.8 121.2
200 31.9 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 44.421 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:196 Resp: 275833
Ion Ratio Lower Upper
196 100
198 101.1 80.6 120.8
97 54.5 43.1 64.7
132 31.1 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 85.527 ng

RT: 9.180 min Scan# 1205

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

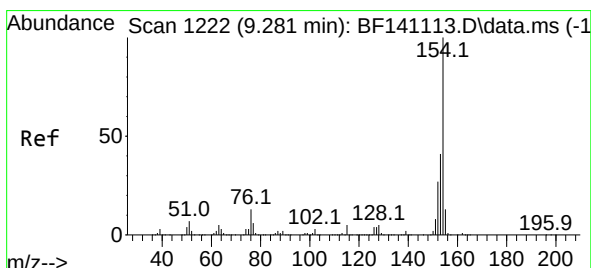
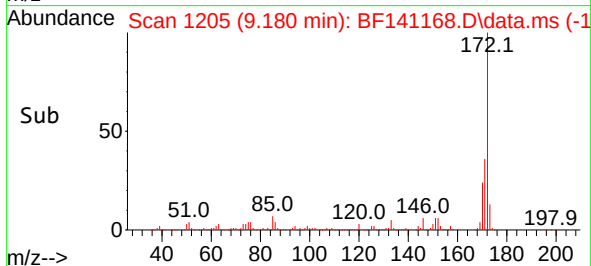
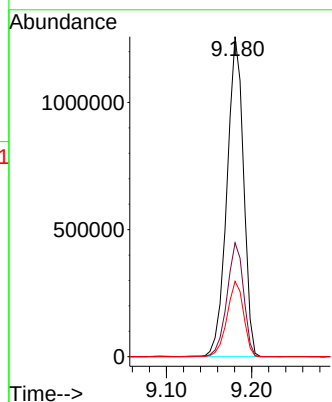
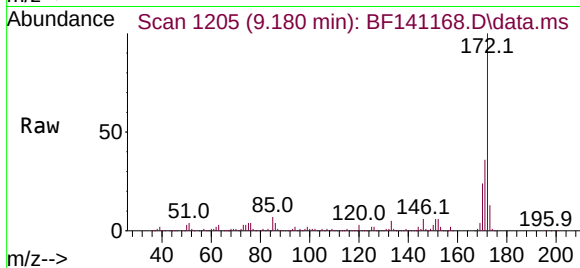
Tgt Ion:172 Resp: 1701144

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 44.951 ng

RT: 9.280 min Scan# 1222

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

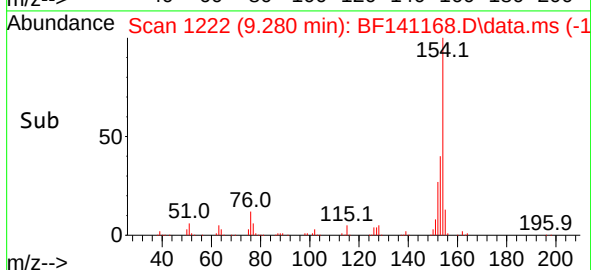
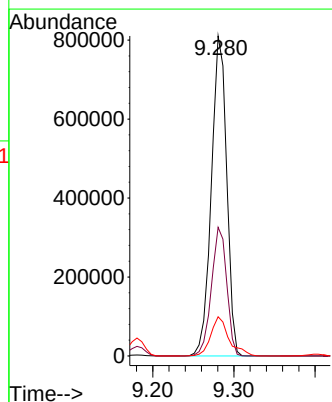
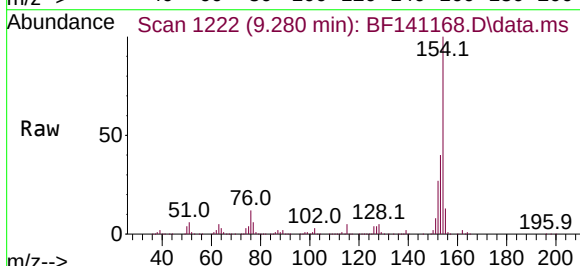
Tgt Ion:154 Resp: 1060310

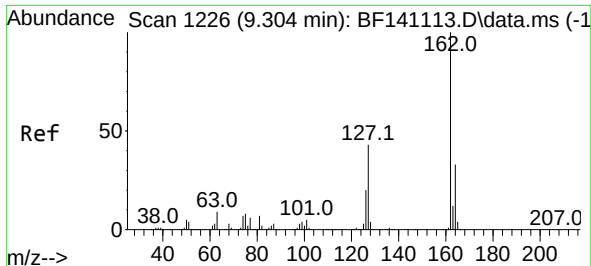
Ion Ratio Lower Upper

154 100

153 40.2 20.7 60.7

76 12.2 0.0 33.1

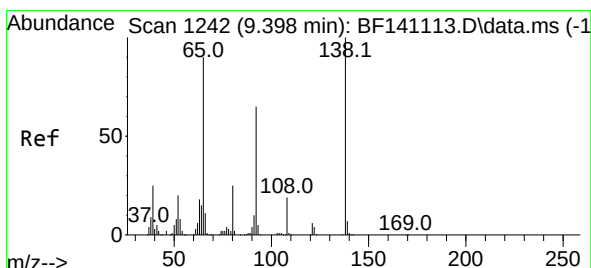
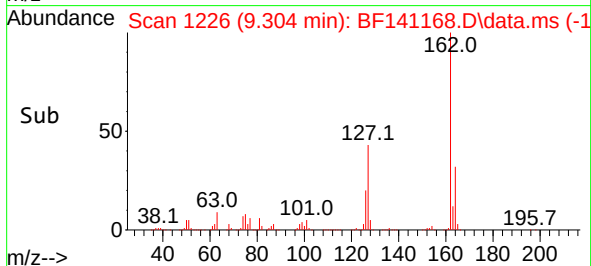
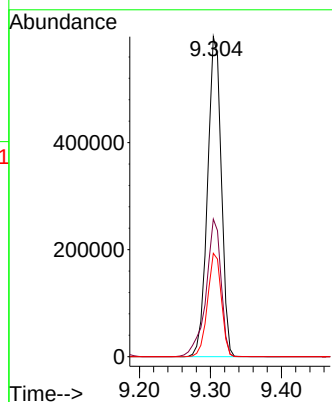
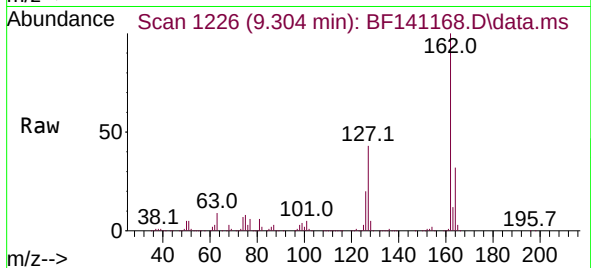




#47
2-Chloronaphthalene
Concen: 43.945 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

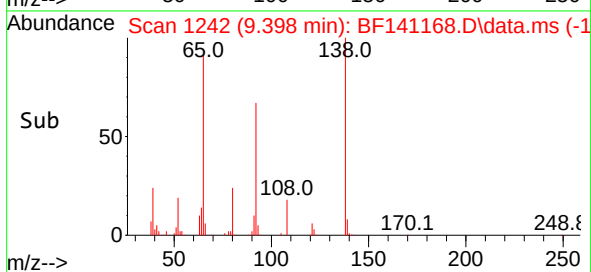
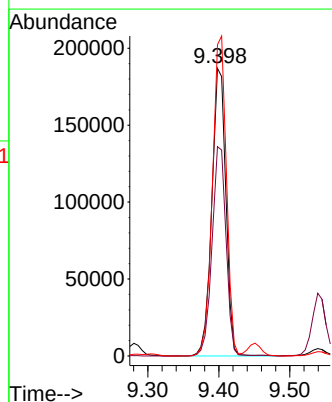
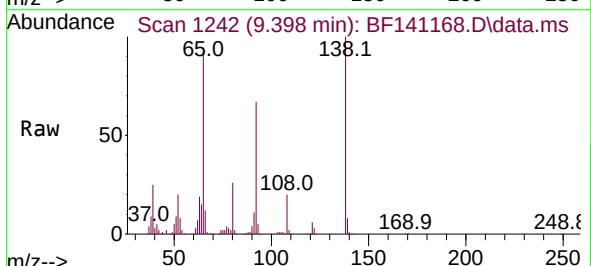
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

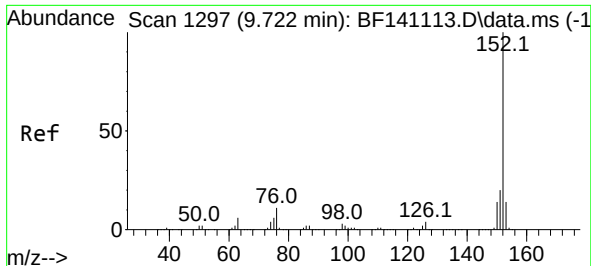
Tgt Ion:162 Resp: 807364
Ion Ratio Lower Upper
162 100
127 43.0 34.6 51.8
164 32.3 26.5 39.7



#48
2-Nitroaniline
Concen: 47.199 ng
RT: 9.398 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

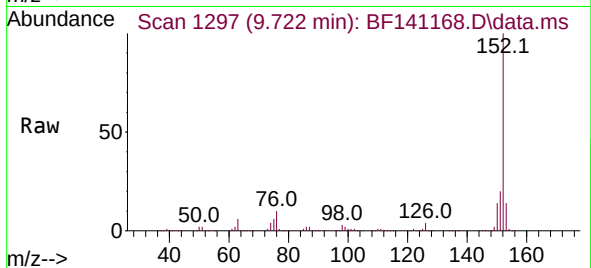
Tgt Ion: 65 Resp: 257049
Ion Ratio Lower Upper
65 100
92 72.7 58.3 87.5
138 108.1 89.1 133.7



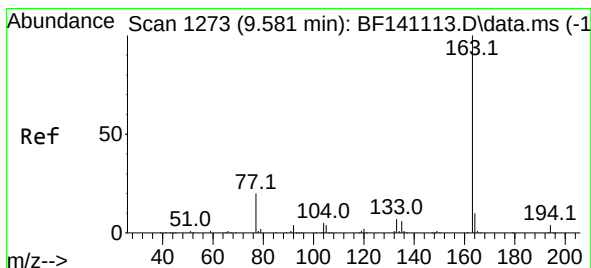
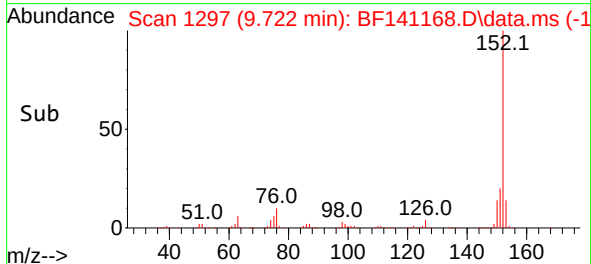
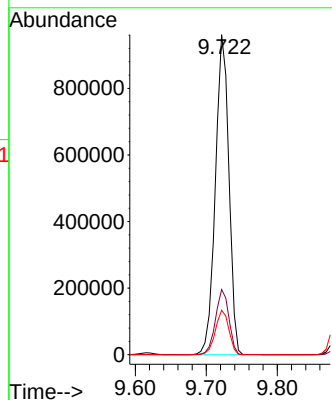


#49
Acenaphthylene
Concen: 48.251 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Instrument :
BNA_F
ClientSampleId :
PB166008BSD

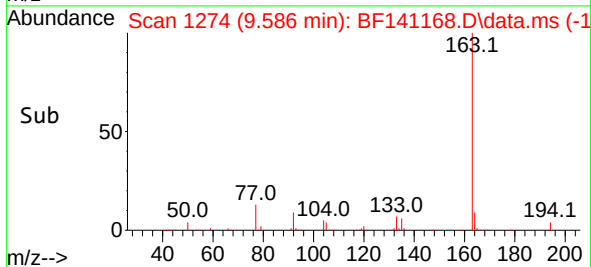
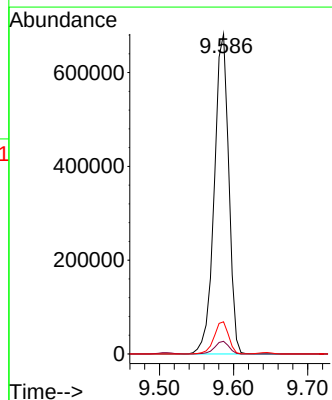
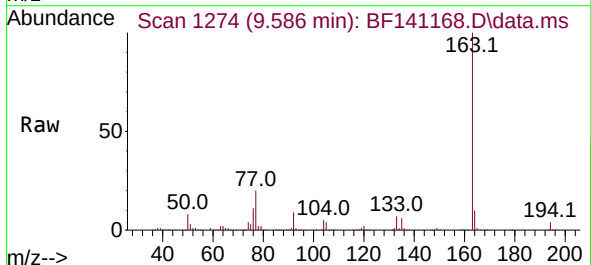


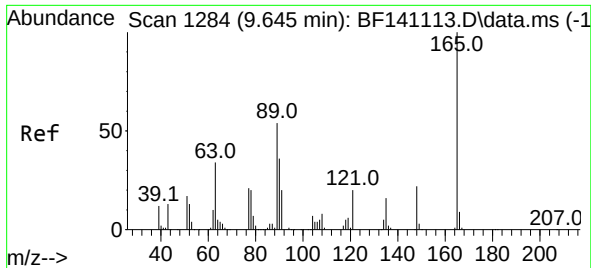
Tgt Ion:152 Resp: 1266501
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 45.246 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:163 Resp: 922601
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.0 8.2 12.4

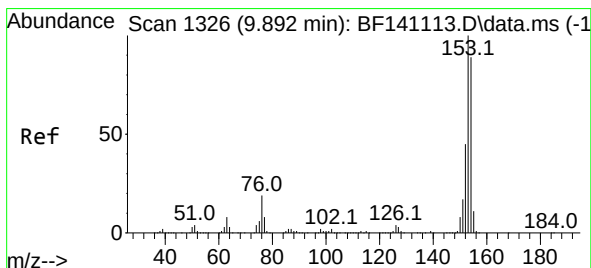
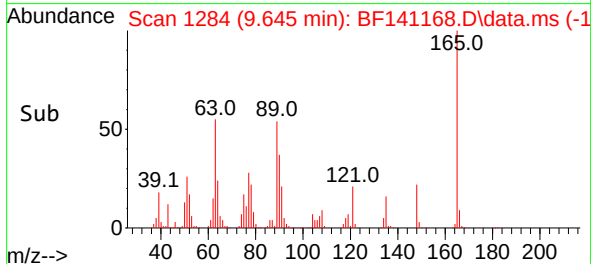
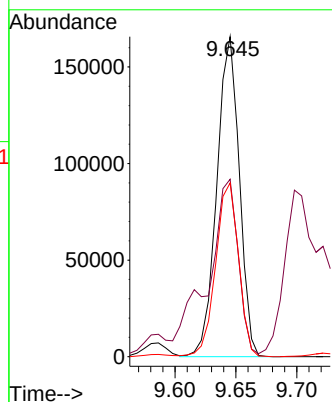
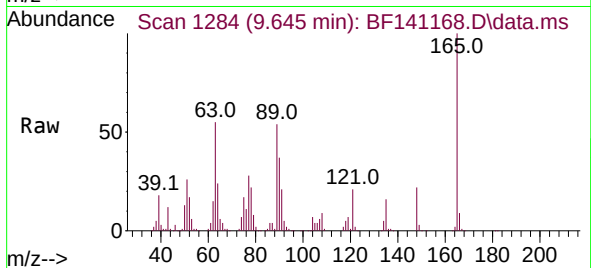




#51
2,6-Dinitrotoluene
Concen: 44.936 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

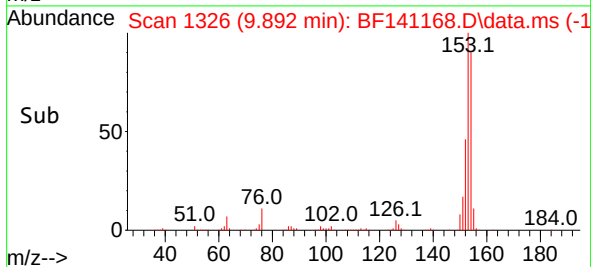
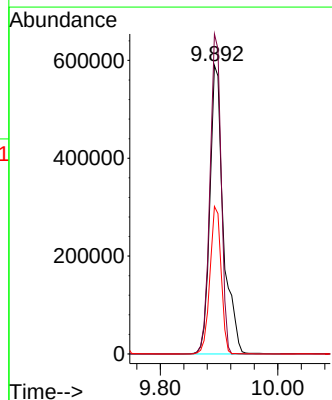
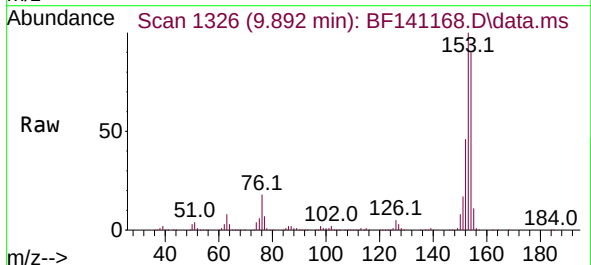
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

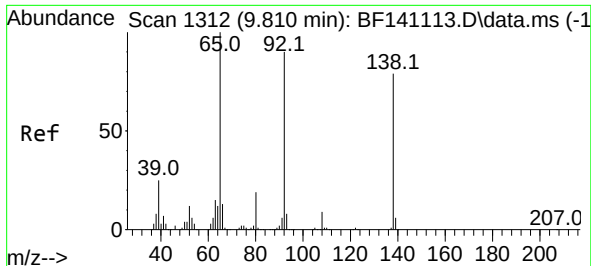
Tgt Ion:165 Resp: 213078
Ion Ratio Lower Upper
165 100
63 55.4 42.3 63.5
89 54.3 43.1 64.7



#52
Acenaphthene
Concen: 51.489 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:154 Resp: 944214
Ion Ratio Lower Upper
154 100
153 110.9 89.8 134.6
152 51.1 40.8 61.2

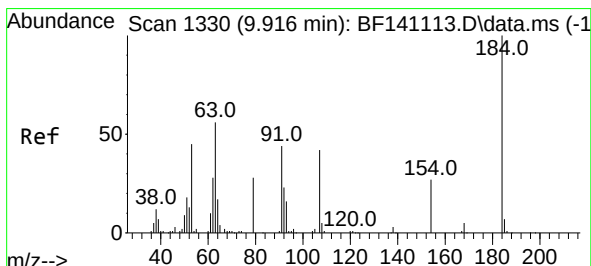
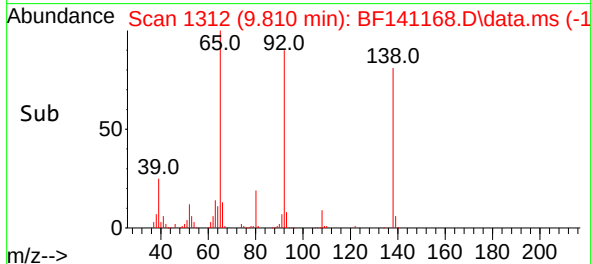
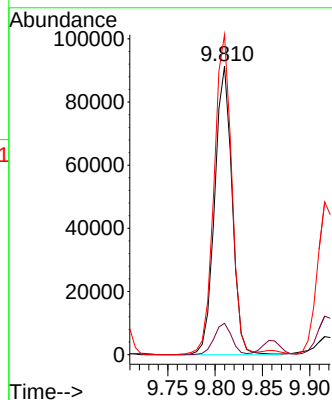
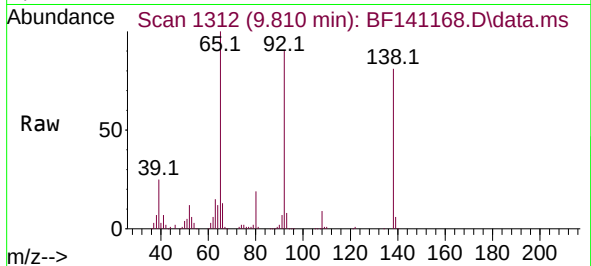




#53
3-Nitroaniline
Concen: 24.207 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

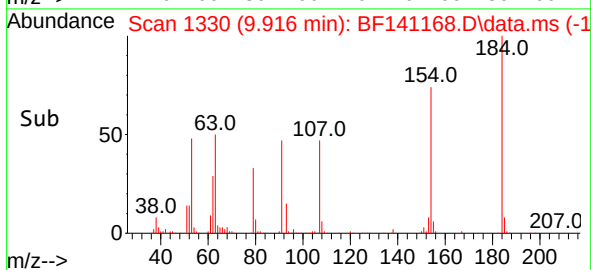
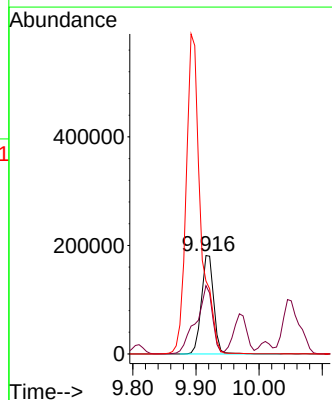
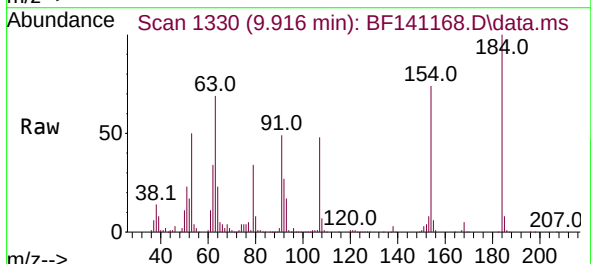
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

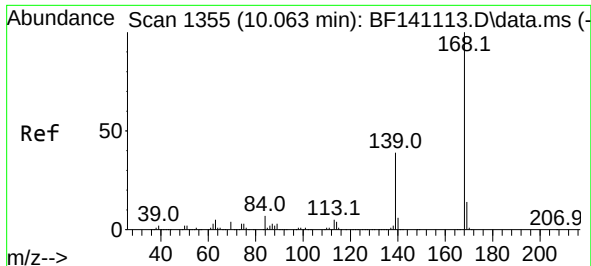
Tgt Ion:138 Resp: 116646
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 110.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 109.300 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:184 Resp: 246347
Ion Ratio Lower Upper
184 100
63 69.4 48.7 73.1
154 74.2 57.1 85.7

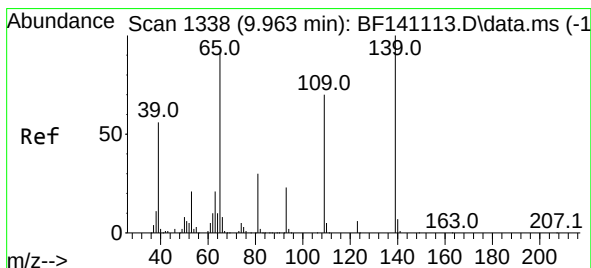
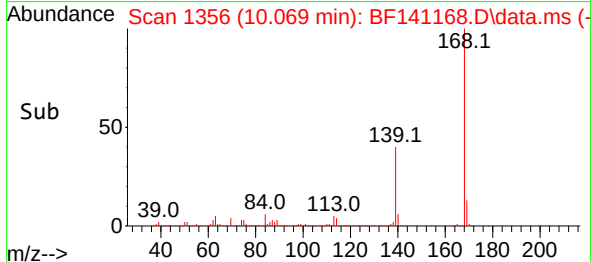
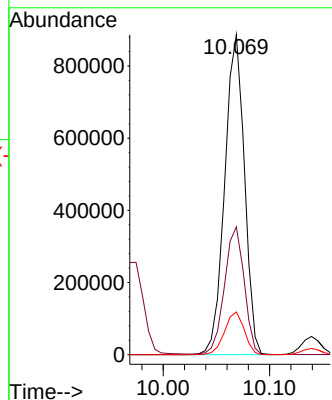
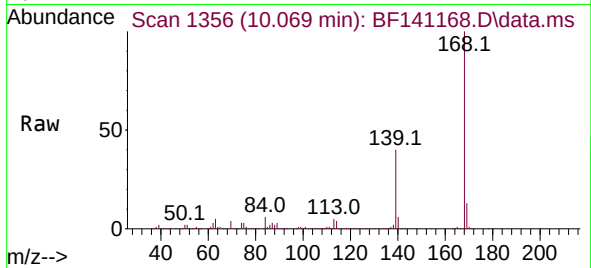




#55
Dibenzofuran
Concen: 45.689 ng
RT: 10.069 min Scan# 111
Delta R.T. 0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

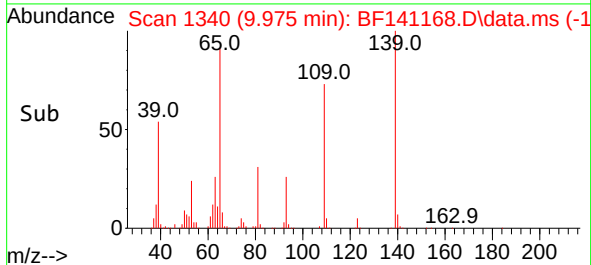
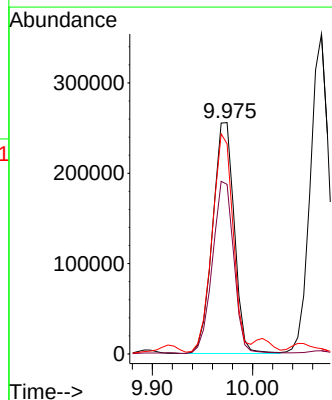
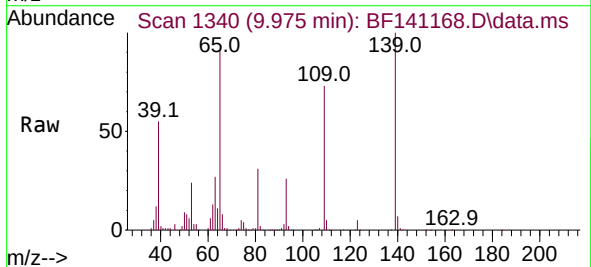
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

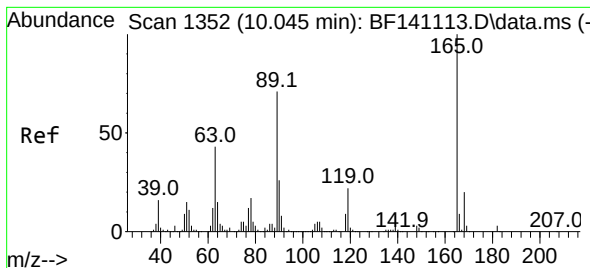
Tgt Ion:168 Resp: 1139644
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.0
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 101.340 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:139 Resp: 382439
Ion Ratio Lower Upper
139 100
109 73.3 50.2 90.2
65 90.8 72.1 112.1

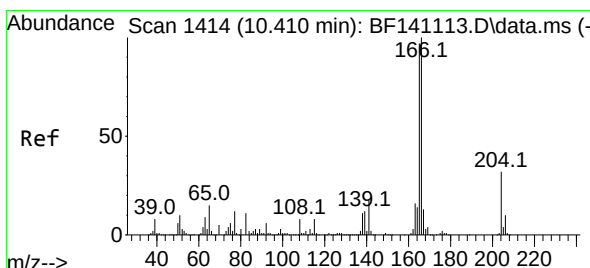
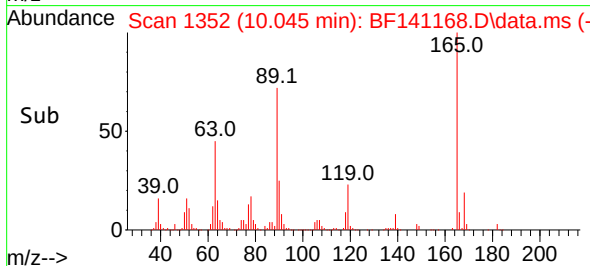
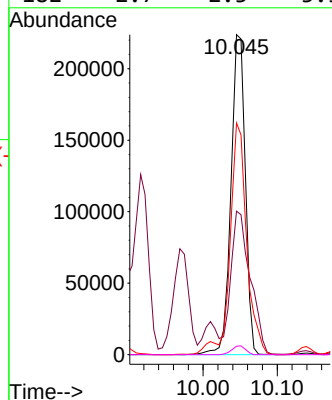
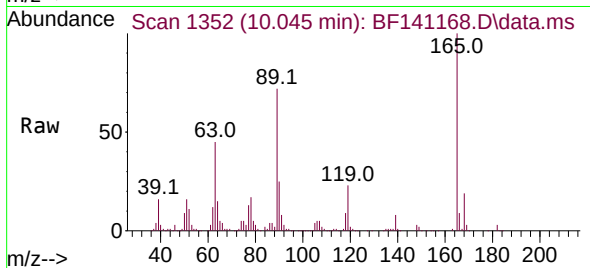




#57
2,4-Dinitrotoluene
Concen: 49.147 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

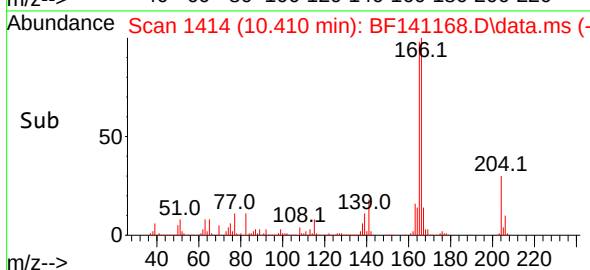
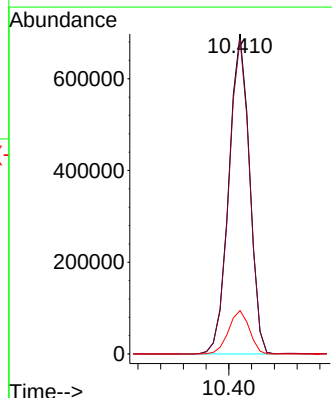
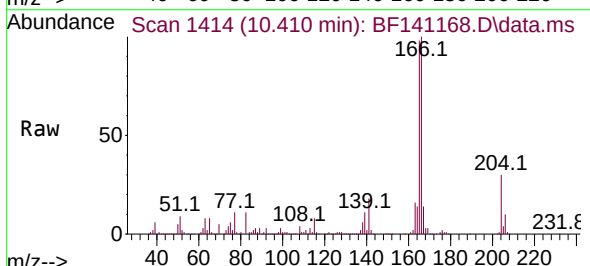
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

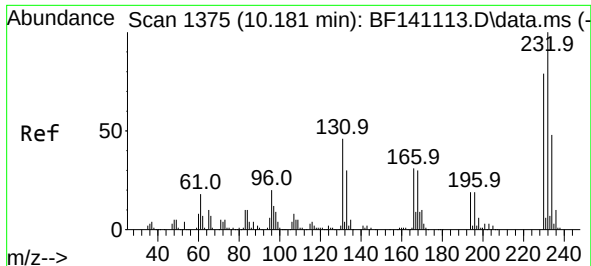
Tgt Ion:165	Resp: 300331
Ion Ratio	Lower Upper
165 100	
63 44.8	35.0 52.4
89 72.4	56.7 85.1
182 2.7	2.3 3.5



#58
Fluorene
Concen: 45.442 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:166	Resp:	880610	
Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.8
167	13.6	10.8	16.2

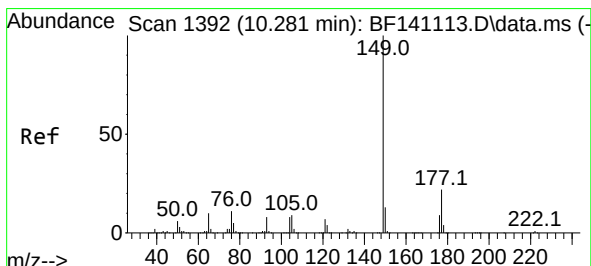
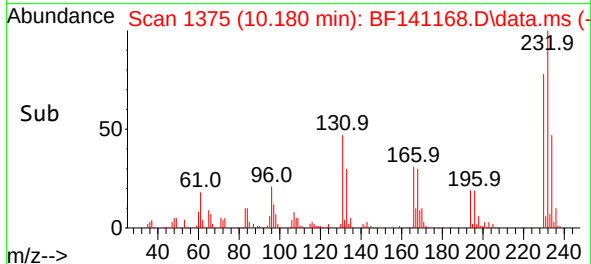
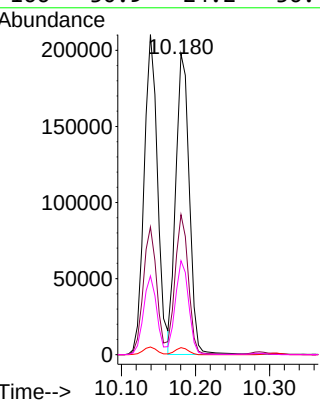
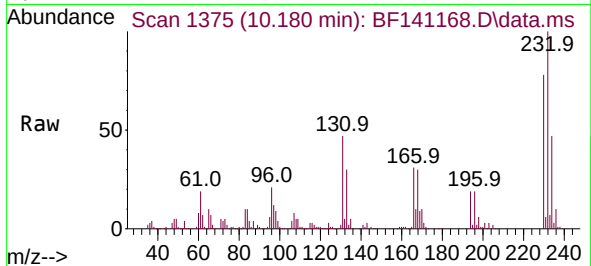




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.589 ng
RT: 10.180 min Scan# 1375
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

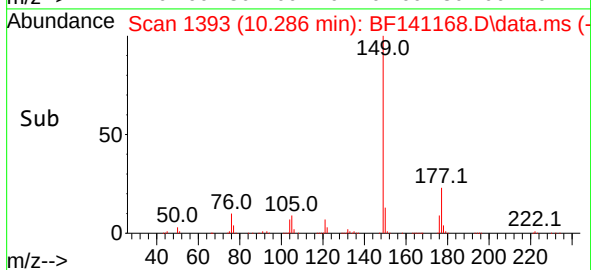
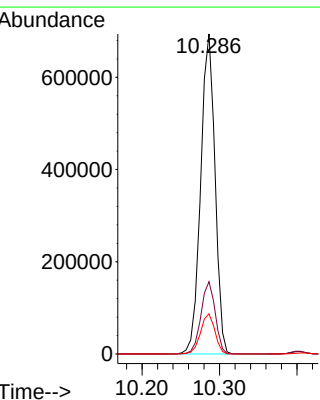
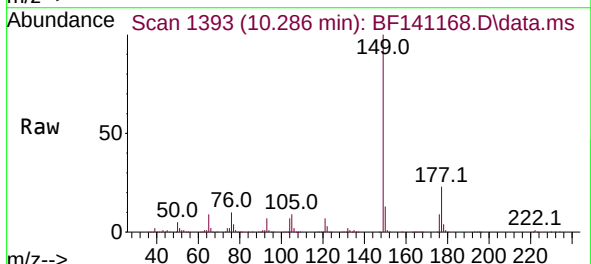
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

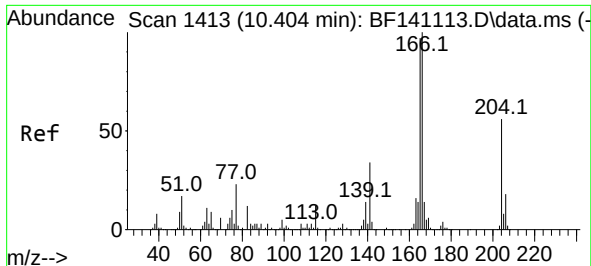
Tgt Ion:232 Resp: 250789
Ion Ratio Lower Upper
232 100
131 46.6 36.2 54.4
130 2.2 2.0 3.0
166 30.9 24.2 36.4



#60
Diethylphthalate
Concen: 44.947 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:149 Resp: 894747
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.5 10.2 15.2

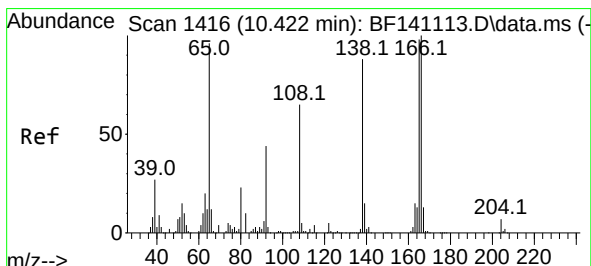
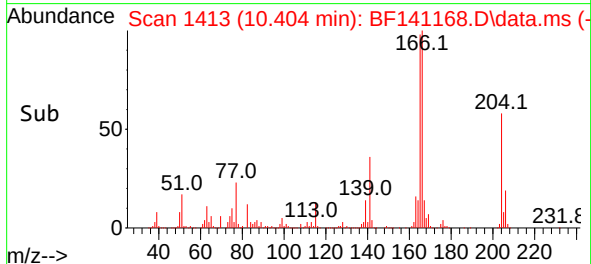
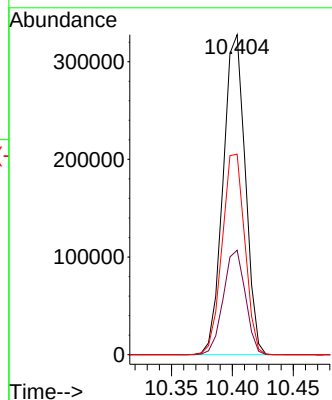
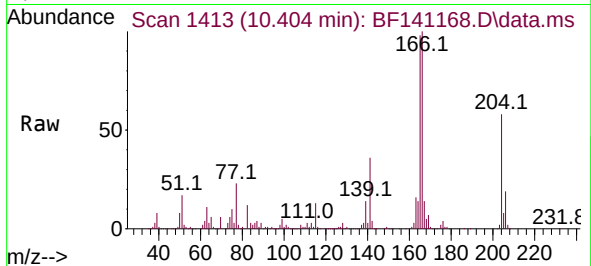




#61
4-Chlorophenyl-phenylether
Concen: 43.971 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

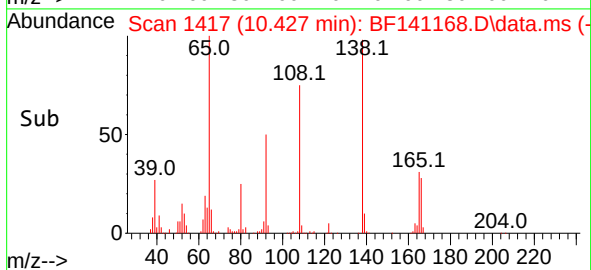
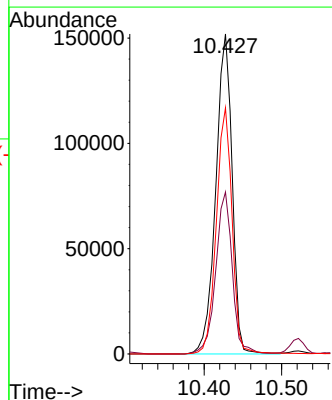
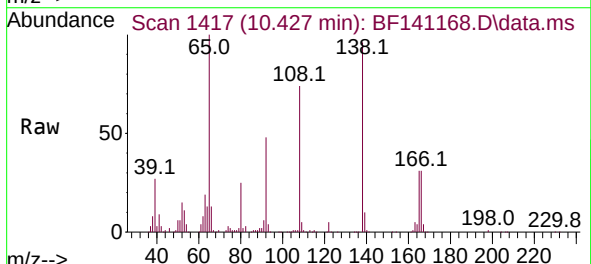
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

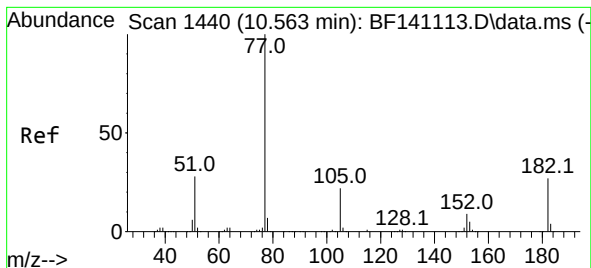
Tgt Ion:204 Resp: 415307
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 62.7 49.1 73.7



#62
4-Nitroaniline
Concen: 47.299 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:138 Resp: 223076
Ion Ratio Lower Upper
138 100
92 50.6 29.4 69.4
108 76.9 53.7 93.7





#63

Azobenzene

Concen: 44.838 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

Tgt Ion: 77 Resp: 880722

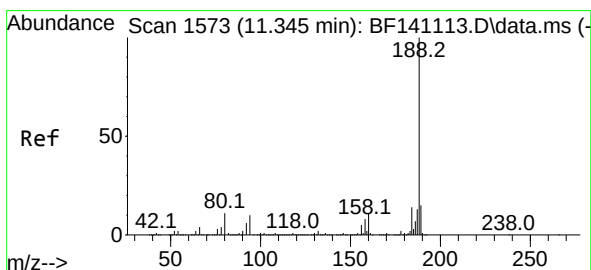
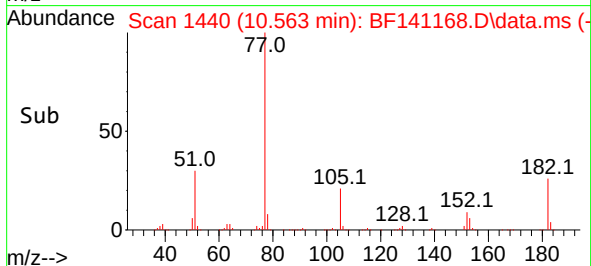
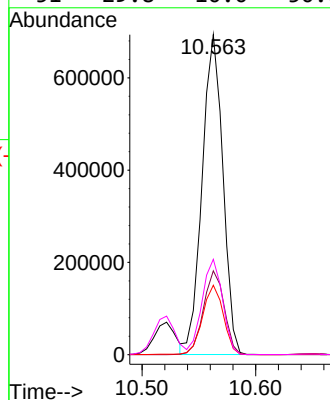
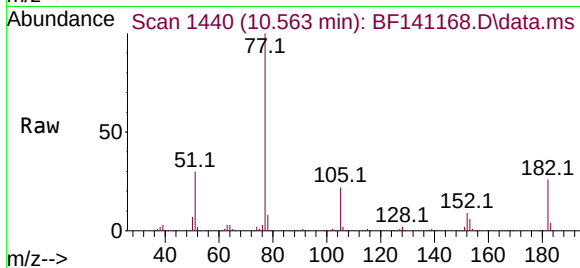
Ion Ratio Lower Upper

77 100

182 26.2 6.1 46.1

105 21.7 2.1 42.1

51 29.8 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

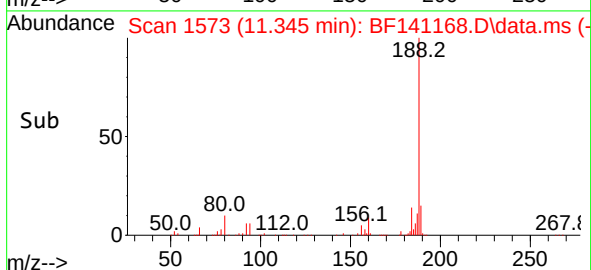
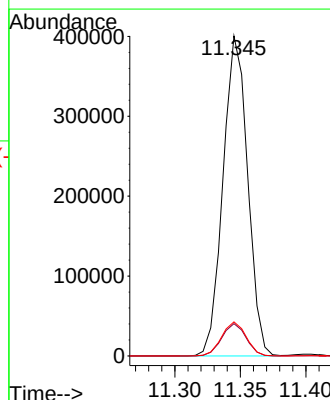
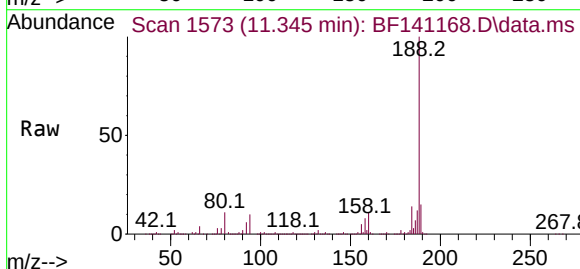
Tgt Ion: 188 Resp: 523103

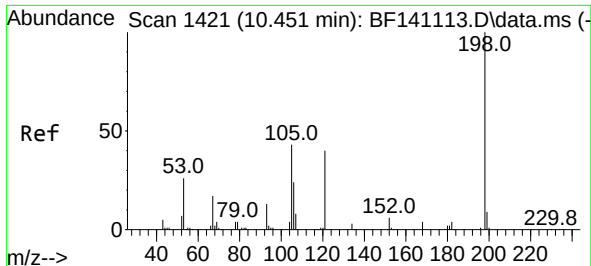
Ion Ratio Lower Upper

188 100

94 10.1 8.3 12.5

80 10.7 9.0 13.4

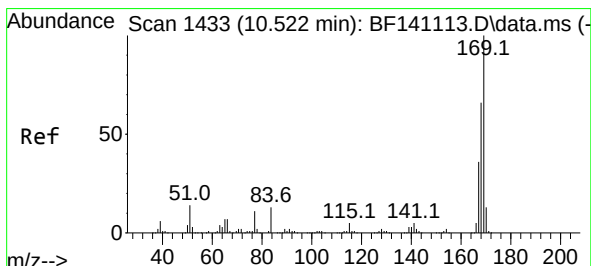
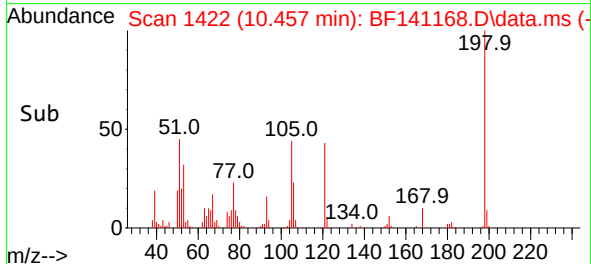
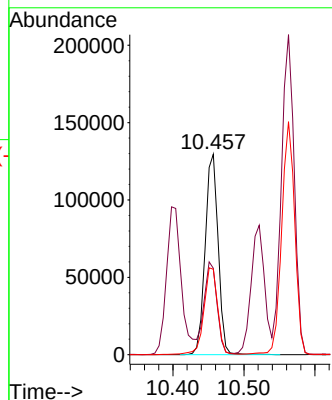
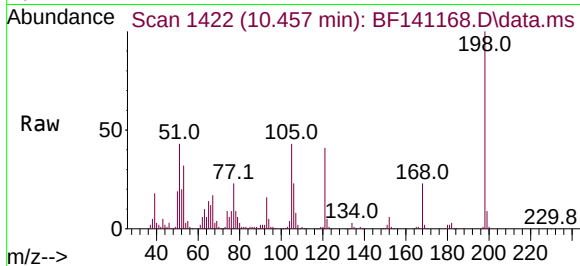




#65
4,6-Dinitro-2-methylphenol
Concen: 54.429 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

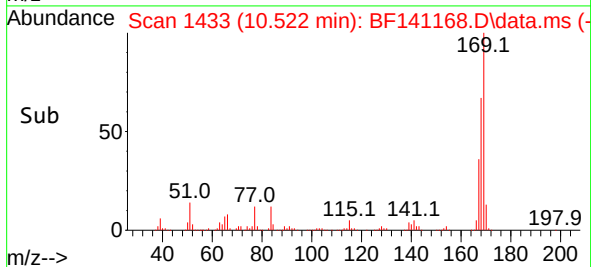
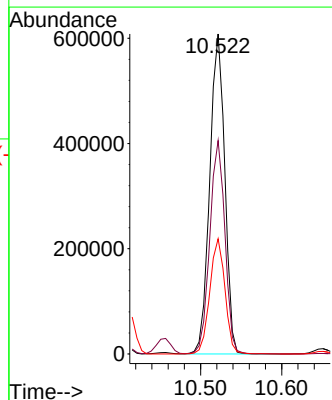
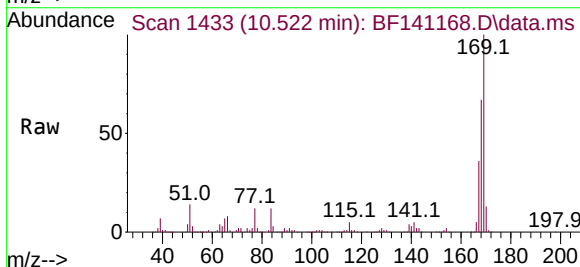
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

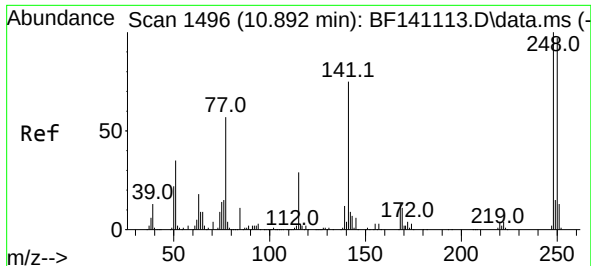
Tgt Ion:198 Resp: 164988
Ion Ratio Lower Upper
198 100
51 43.1 27.1 67.1
105 42.7 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 46.232 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:169 Resp: 780044
Ion Ratio Lower Upper
169 100
168 66.7 52.5 78.7
167 36.0 28.9 43.3

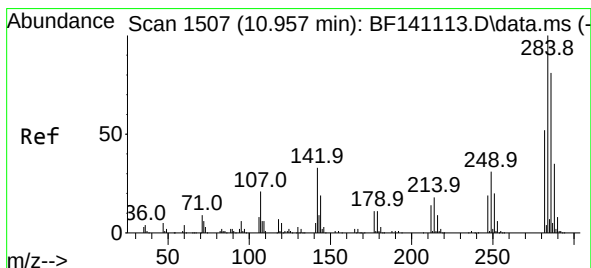
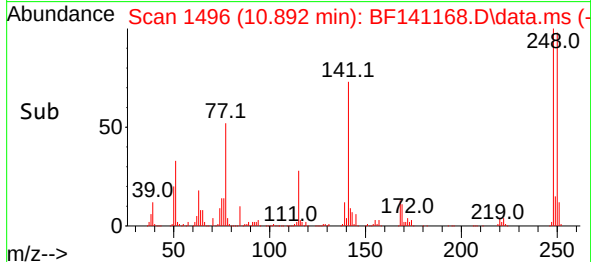
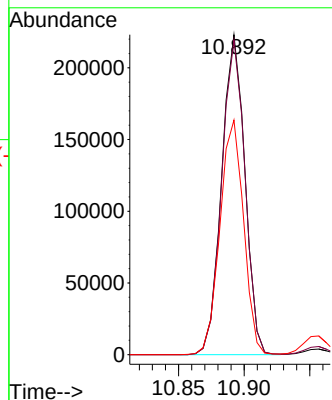
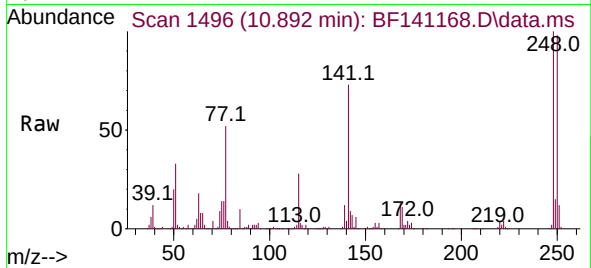




#67
4-Bromophenyl-phenylether
Concen: 45.596 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

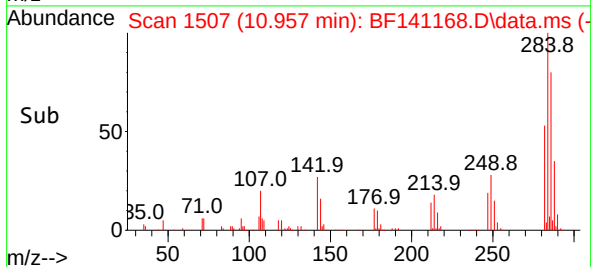
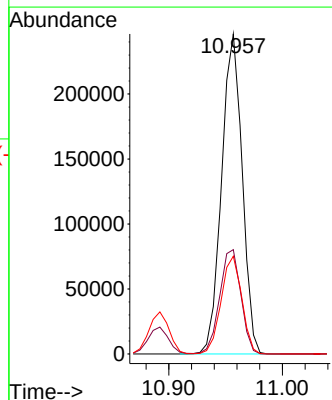
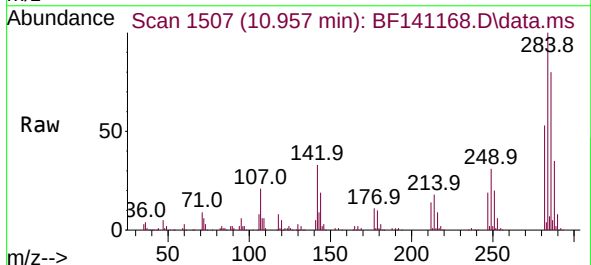
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

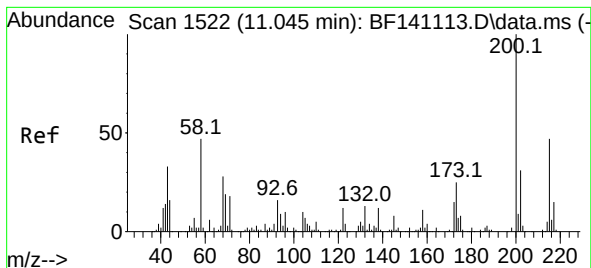
Tgt Ion:248 Resp: 274603
Ion Ratio Lower Upper
248 100
250 98.3 77.9 116.9
141 73.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 46.224 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:284 Resp: 309895
Ion Ratio Lower Upper
284 100
142 32.6 26.3 39.5
249 30.6 24.9 37.3





#69

Atrazine

Concen: 59.183 ng

RT: 11.051 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

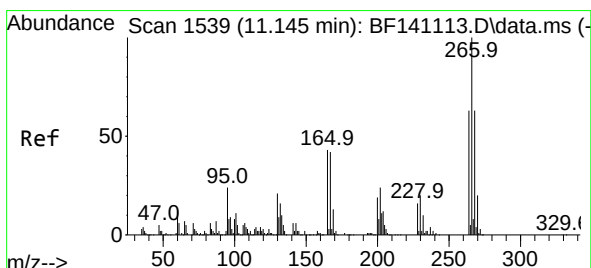
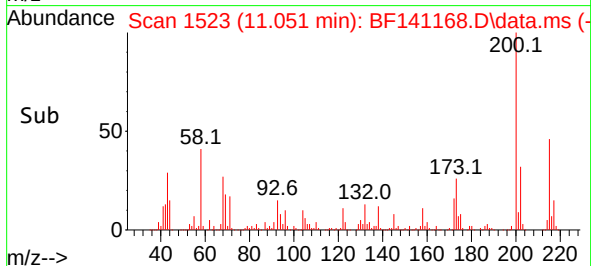
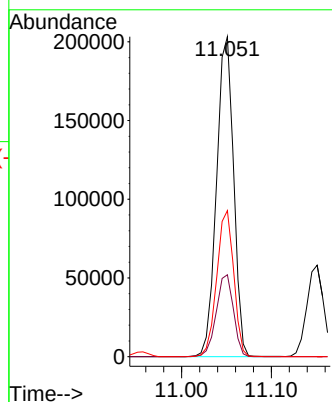
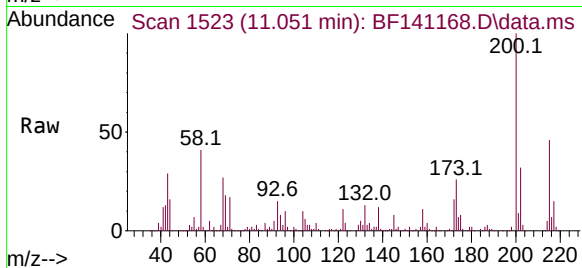
Tgt Ion:200 Resp: 268869

Ion Ratio Lower Upper

200 100

173 25.6 5.4 45.4

215 45.7 26.6 66.6



#70

Pentachlorophenol

Concen: 94.648 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

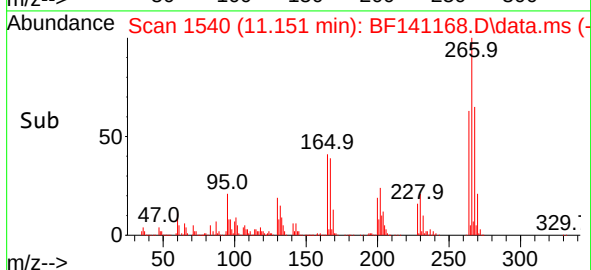
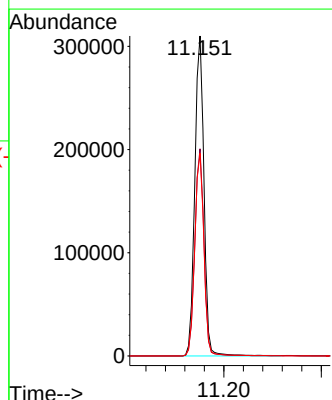
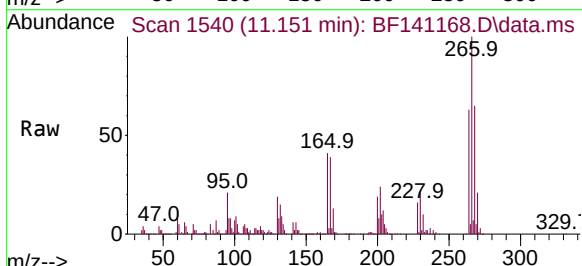
Tgt Ion:266 Resp: 406356

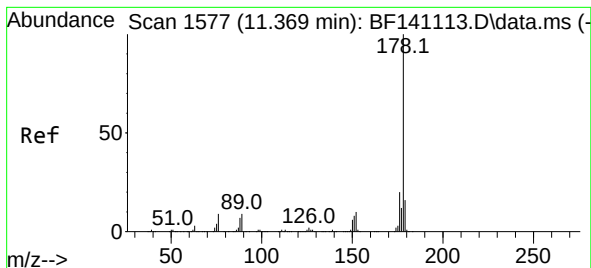
Ion Ratio Lower Upper

266 100

268 64.7 50.4 75.6

264 63.3 50.2 75.2





#71

Phenanthrene

Concen: 48.232 ng

RT: 11.374 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

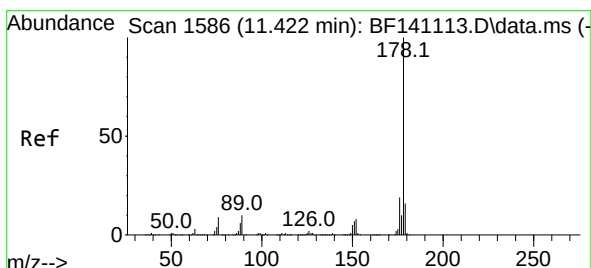
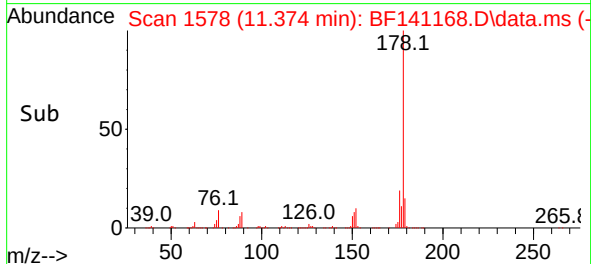
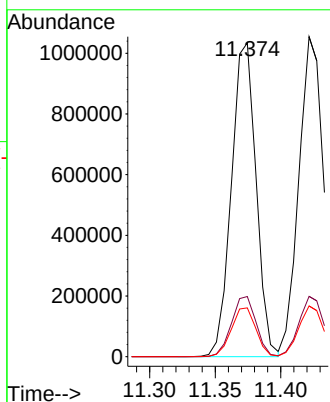
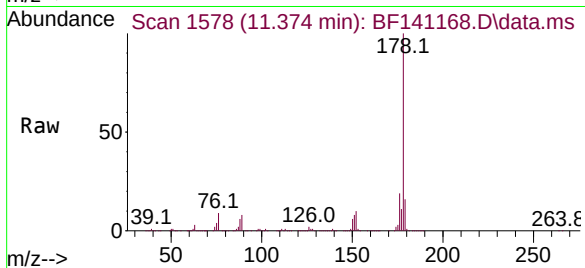
Tgt Ion:178 Resp: 1354541

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 15.6 12.6 19.0



#72

Anthracene

Concen: 50.206 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

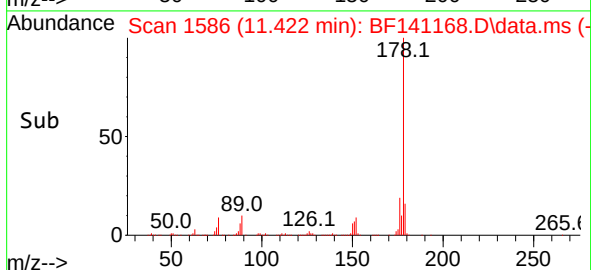
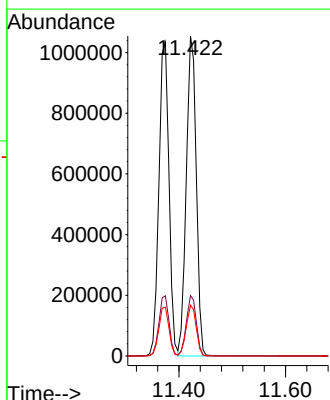
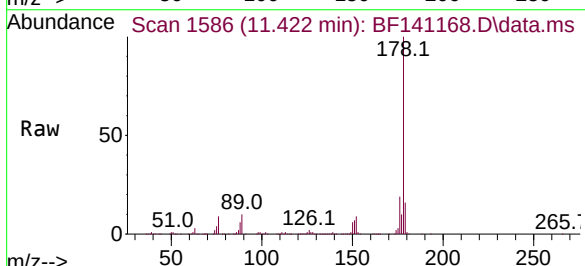
Tgt Ion:178 Resp: 1370985

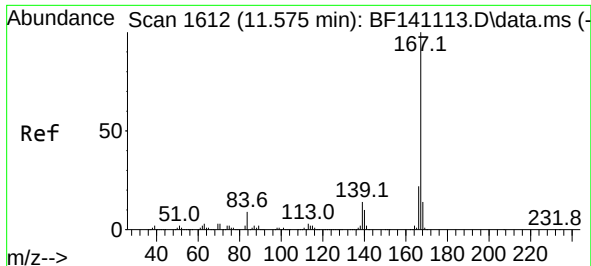
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.8 12.6 19.0

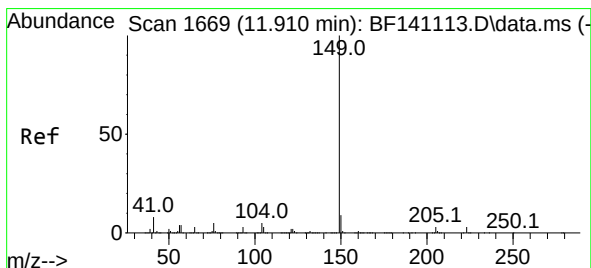
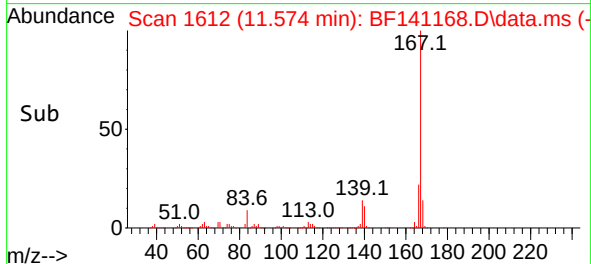
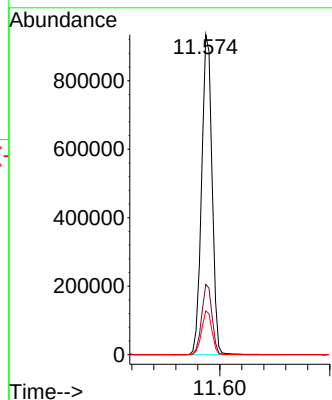
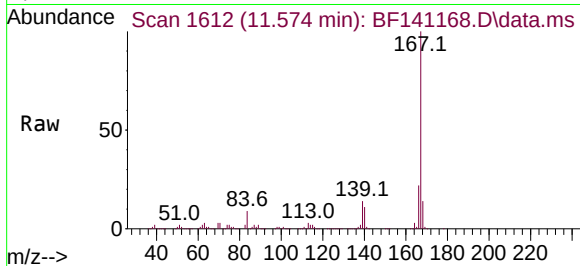




#73
 Carbazole
 Concen: 49.290 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF141168.D
 Acq: 15 Jan 2025 11:45

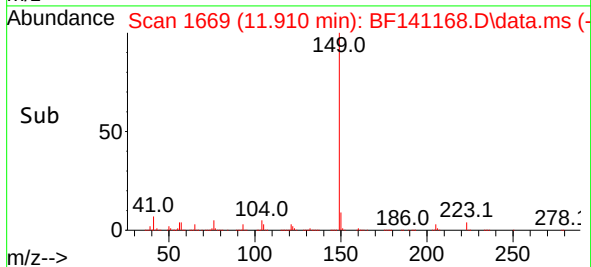
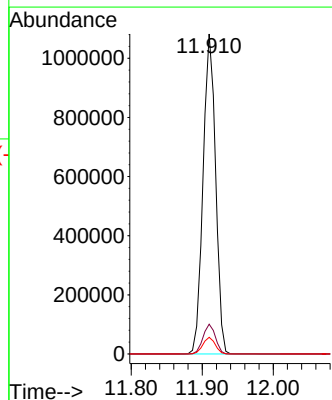
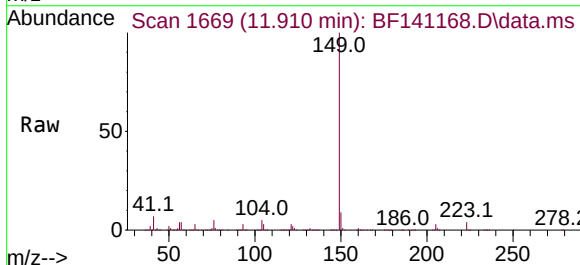
Instrument :
 BNA_F
 ClientSampleId :
 PB166008BSD

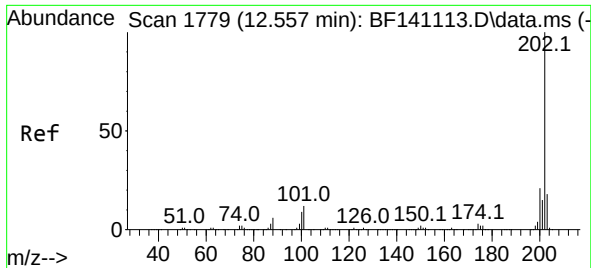
Tgt Ion:167 Resp: 1234170
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.7 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 46.431 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF141168.D
 Acq: 15 Jan 2025 11:45

Tgt Ion:149 Resp: 1330469
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.2 4.2 6.2

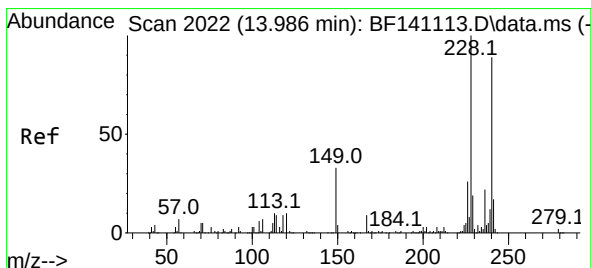
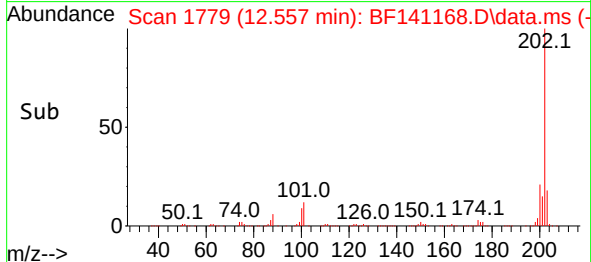
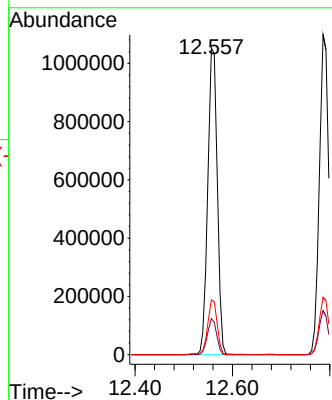
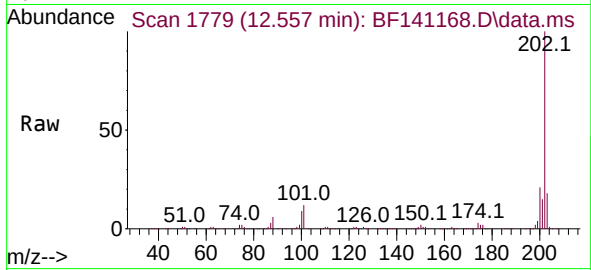




#75
Fluoranthene
Concen: 50.852 ng
RT: 12.557 min Scan# 1779
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

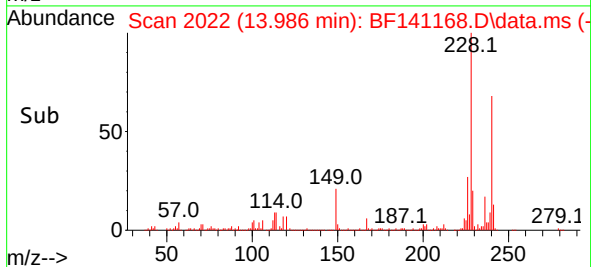
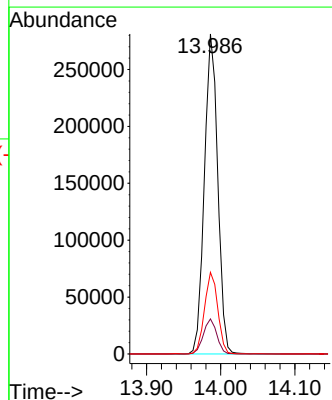
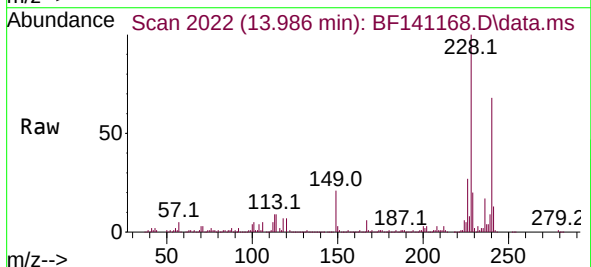
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

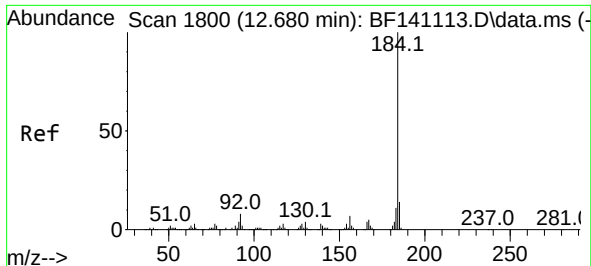
Tgt Ion:202 Resp: 1425111
Ion Ratio Lower Upper
202 100
101 11.8 0.0 32.3
203 17.8 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:240 Resp: 352265
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 25.5 19.8 29.6

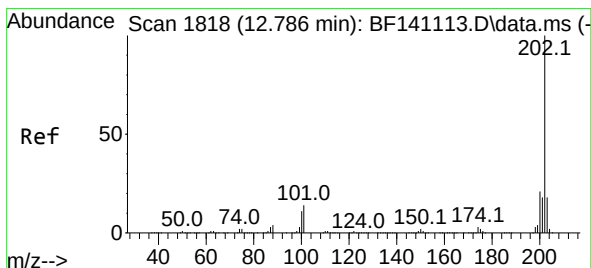
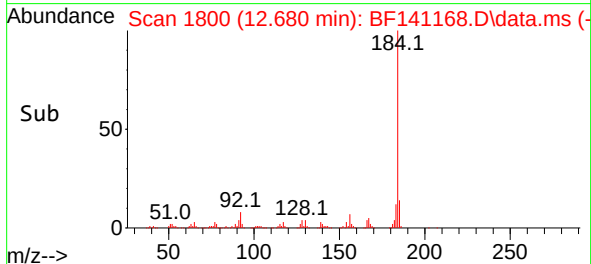
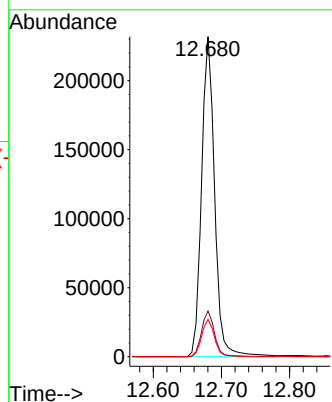
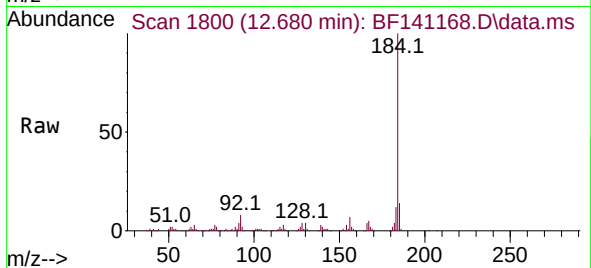




#77
Benzidine
Concen: 47.307 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

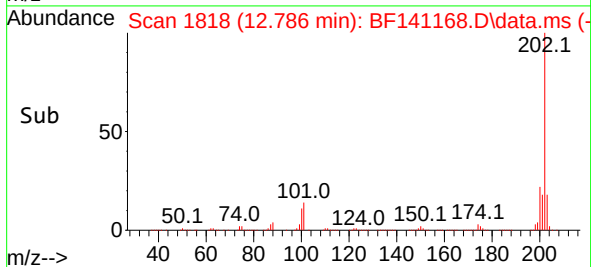
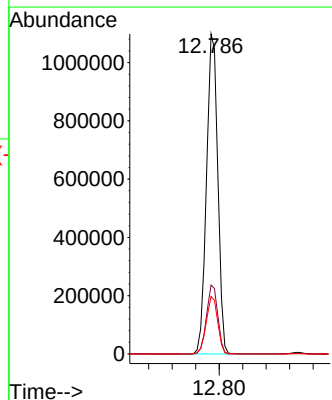
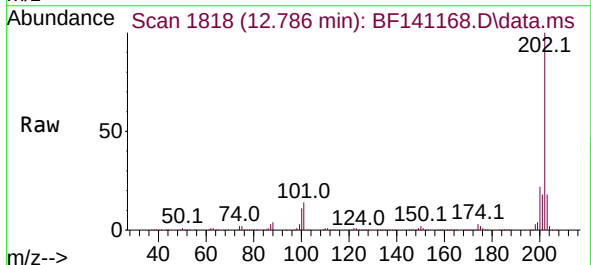
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

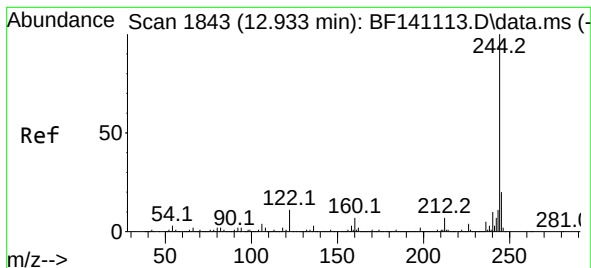
Tgt Ion:184 Resp: 309034
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.0
183 11.6 9.2 13.8



#78
Pyrene
Concen: 43.320 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:202 Resp: 1457548
Ion Ratio Lower Upper
202 100
200 21.6 16.8 25.2
203 18.0 14.3 21.5





#79

Terphenyl-d14

Concen: 85.652 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

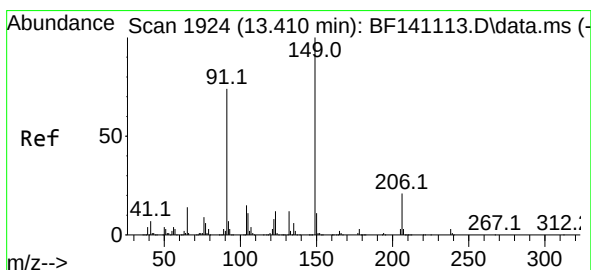
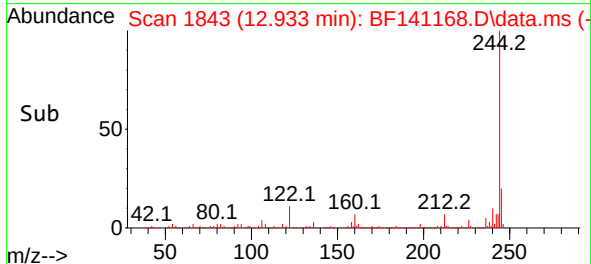
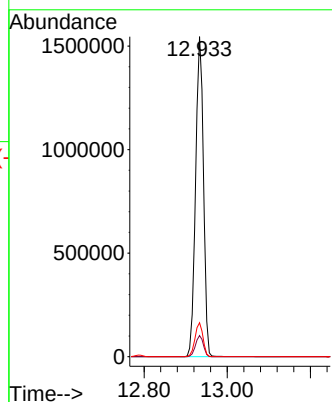
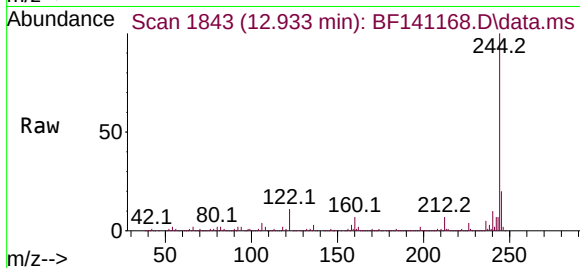
Tgt Ion:244 Resp: 2030008

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 46.314 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

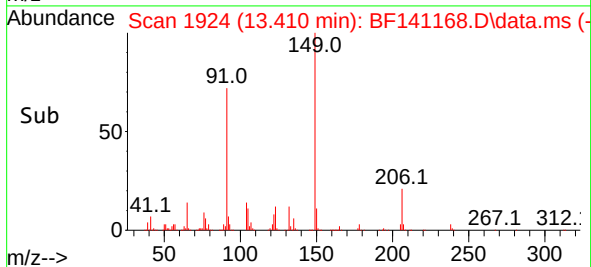
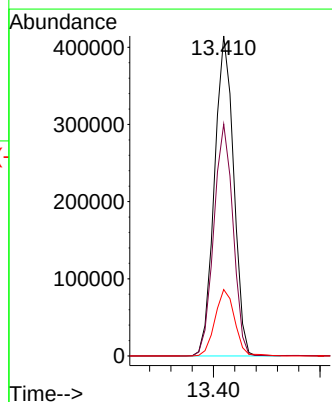
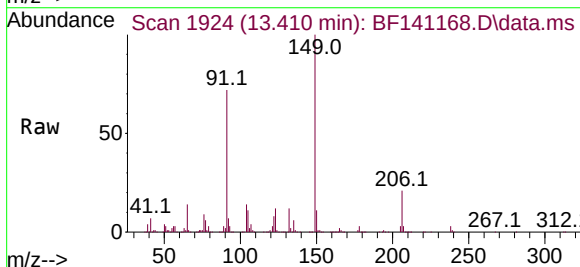
Tgt Ion:149 Resp: 519534

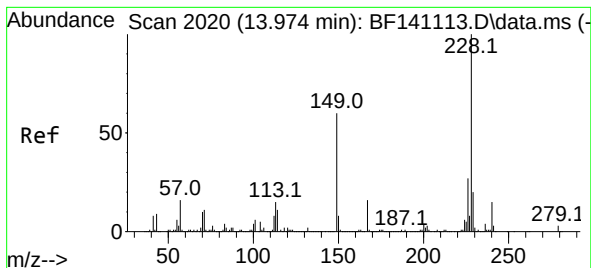
Ion Ratio Lower Upper

149 100

91 72.4 59.0 88.6

206 20.8 16.5 24.7





#81

Benzo(a)anthracene

Concen: 44.011 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

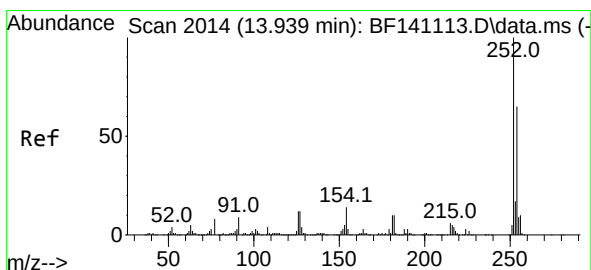
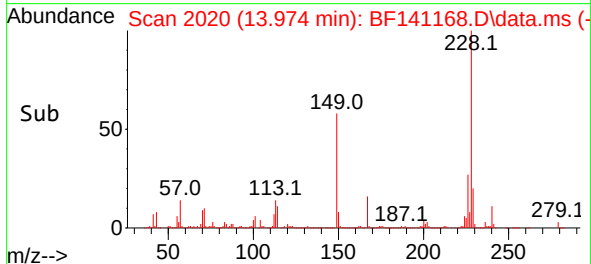
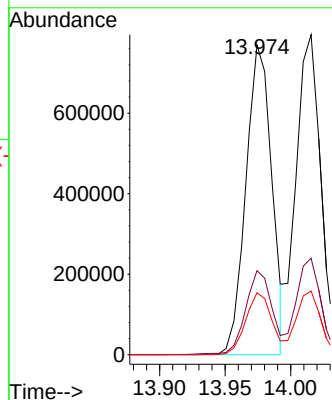
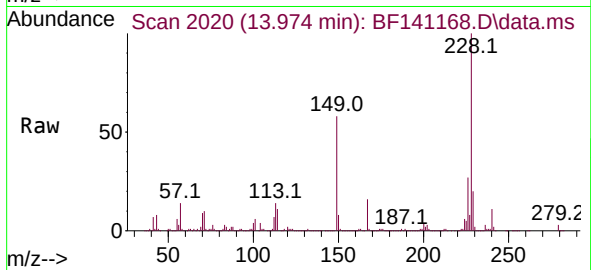
Tgt Ion:228 Resp: 1055112

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 29.091 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

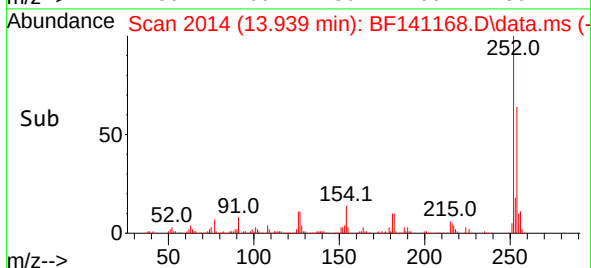
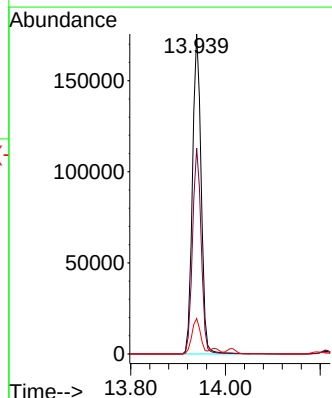
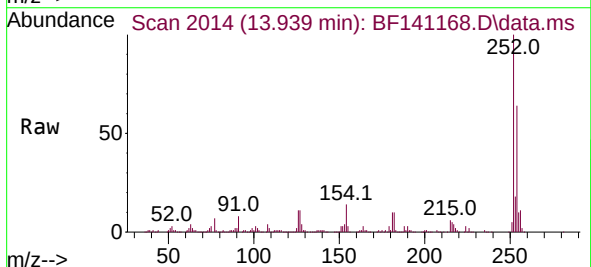
Tgt Ion:252 Resp: 222070

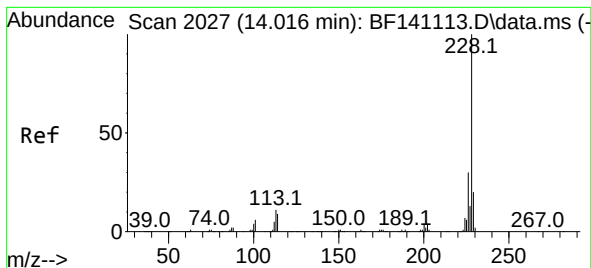
Ion Ratio Lower Upper

252 100

254 64.3 52.0 78.0

126 11.1 9.4 14.0





#83

Chrysene

Concen: 46.189 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

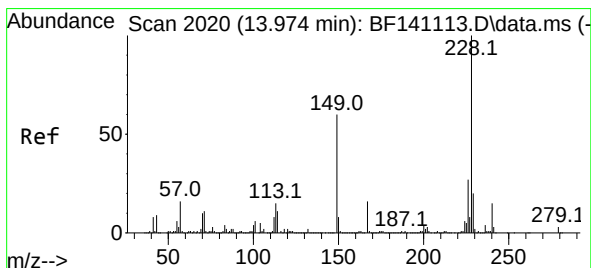
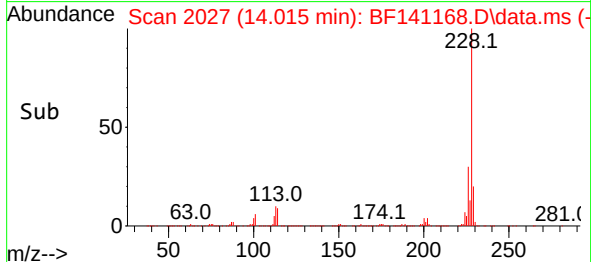
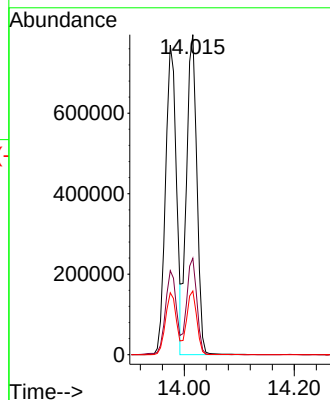
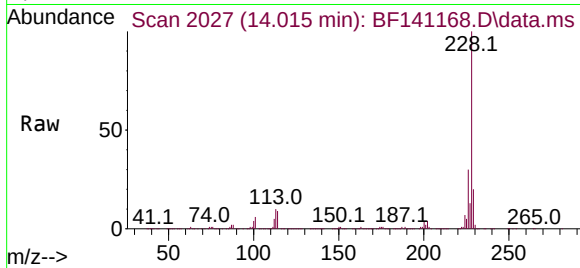
Tgt Ion:228 Resp: 1036107

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.923 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

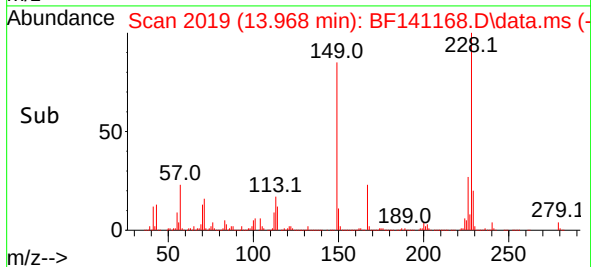
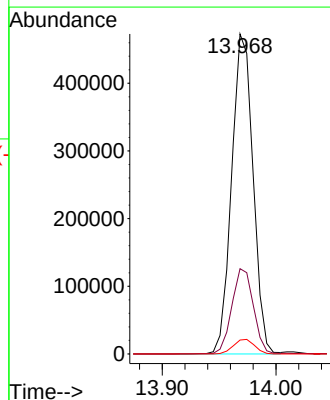
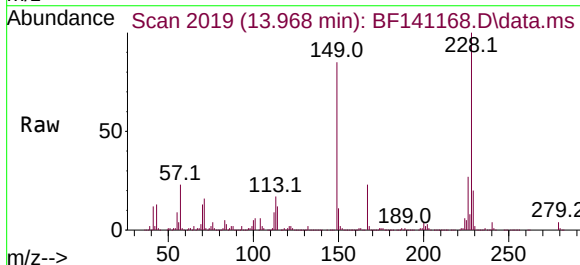
Tgt Ion:149 Resp: 618113

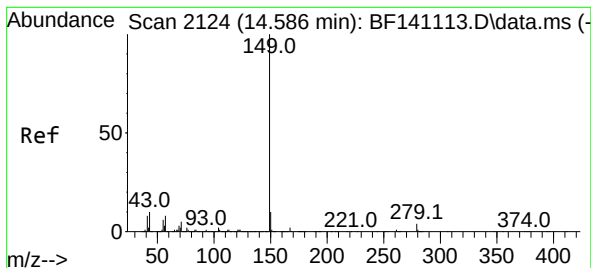
Ion Ratio Lower Upper

149 100

167 26.7 21.4 32.2

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 44.340 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

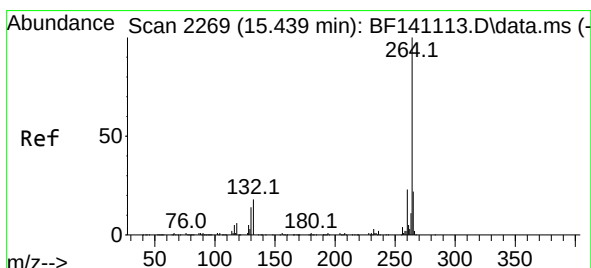
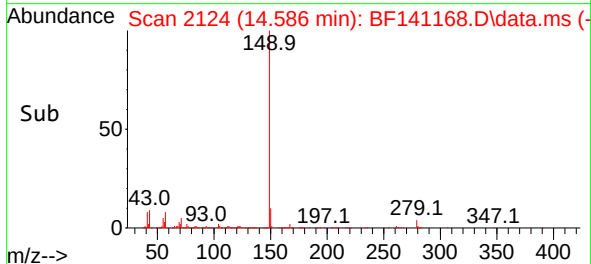
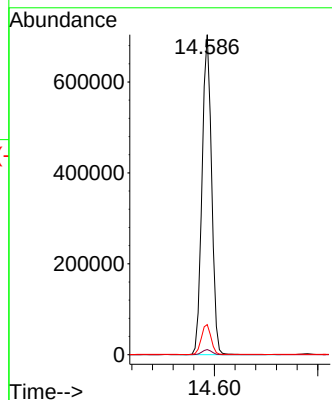
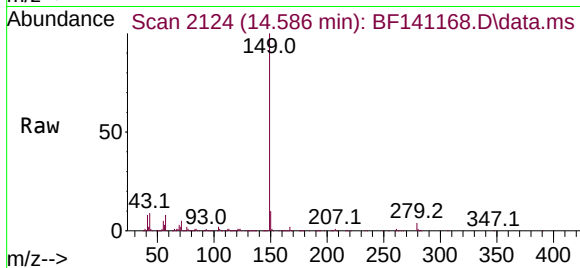
Tgt Ion:149 Resp: 901223

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.5 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

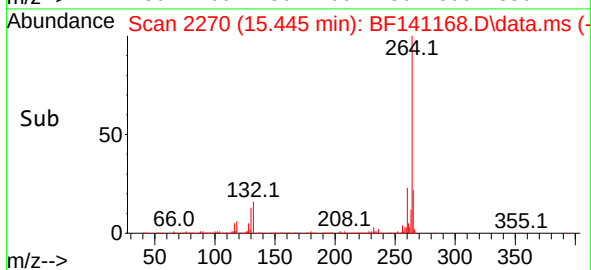
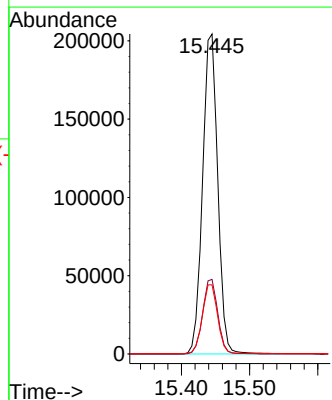
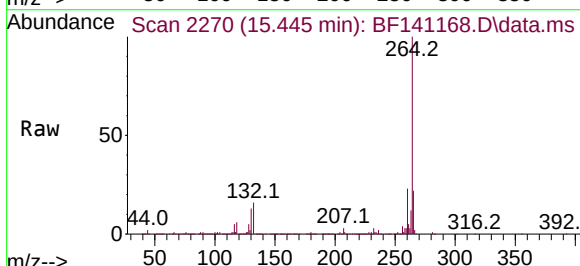
Tgt Ion:264 Resp: 315042

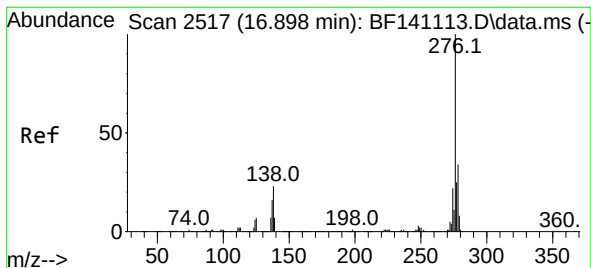
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.6 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.097 ng

RT: 16.898 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

Instrument :

BNA_F

ClientSampleId :

PB166008BSD

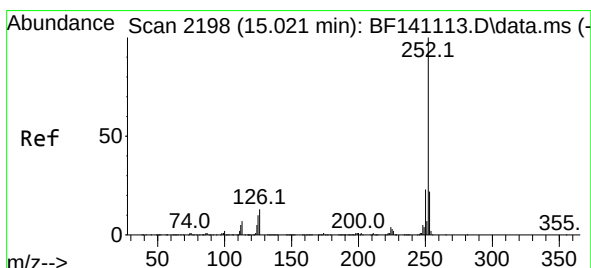
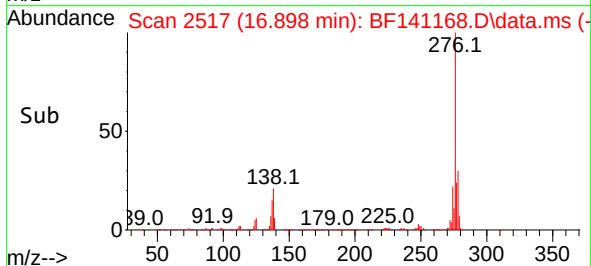
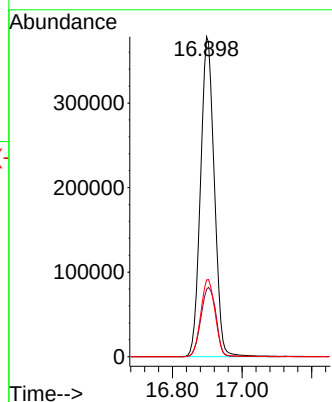
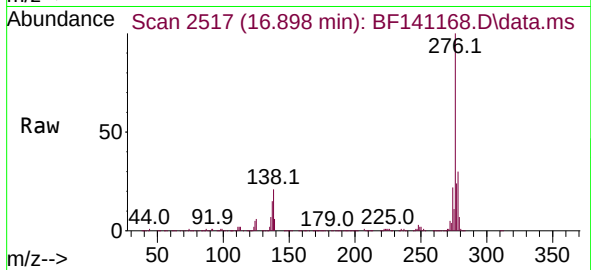
Tgt Ion:276 Resp: 1040888

Ion Ratio Lower Upper

276 100

138 23.9 20.7 31.1

277 25.3 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 44.239 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141168.D

Acq: 15 Jan 2025 11:45

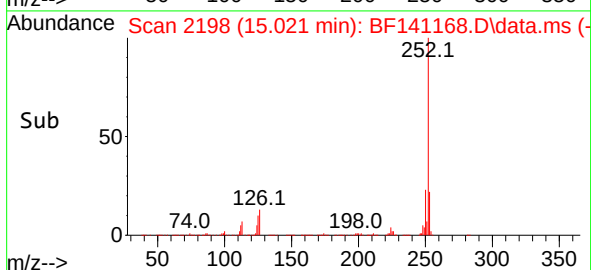
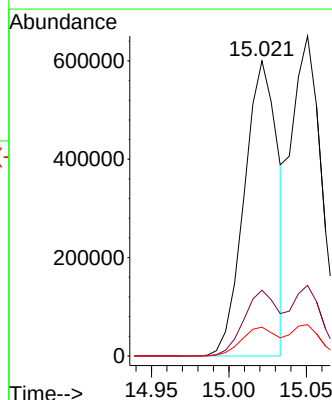
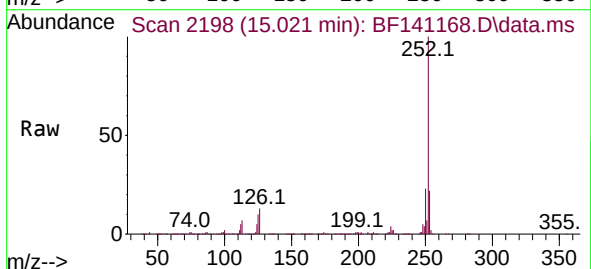
Tgt Ion:252 Resp: 898719

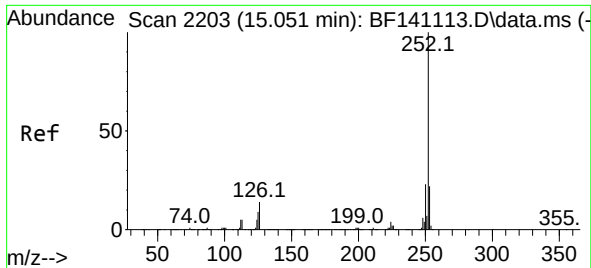
Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

125 9.8 8.1 12.1

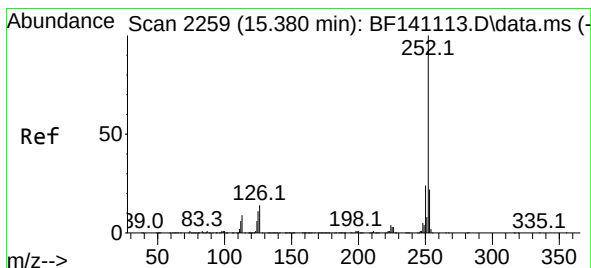
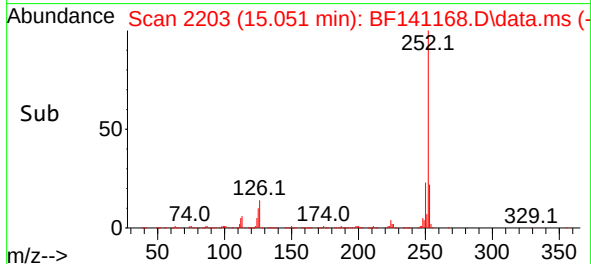
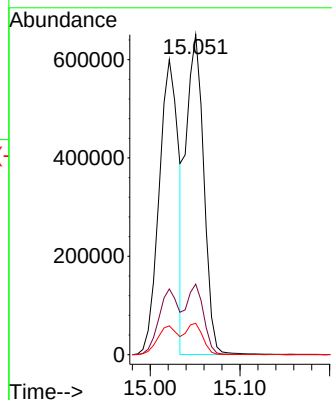
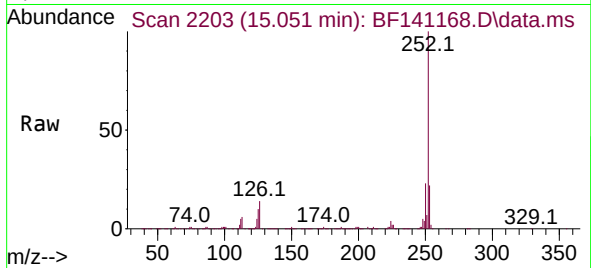




#89
Benzo(k)fluoranthene
Concen: 51.261 ng
RT: 15.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

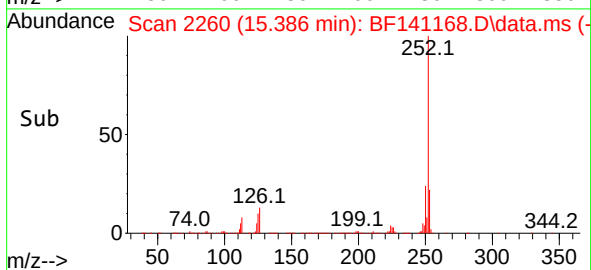
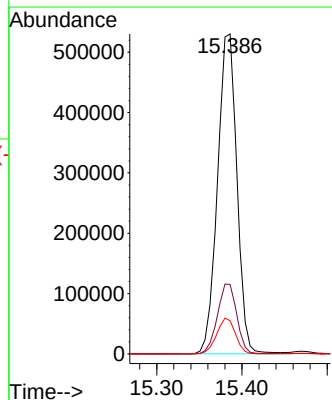
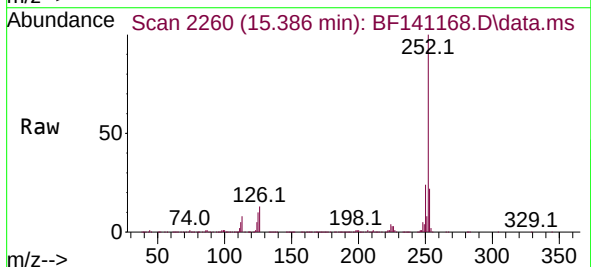
Instrument :
BNA_F
ClientSampleId :
PB166008BSD

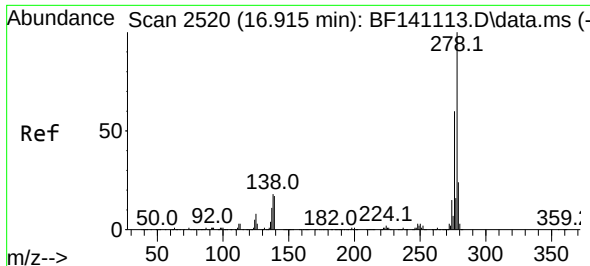
Tgt Ion:252 Resp: 880050
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.8 7.9 11.9



#90
Benzo(a)pyrene
Concen: 49.980 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:252 Resp: 837709
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.4 9.1 13.7

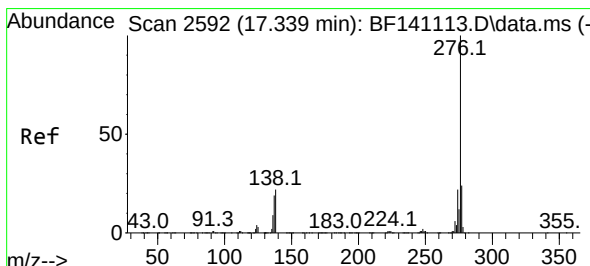
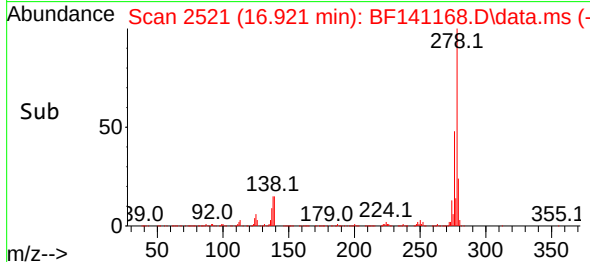
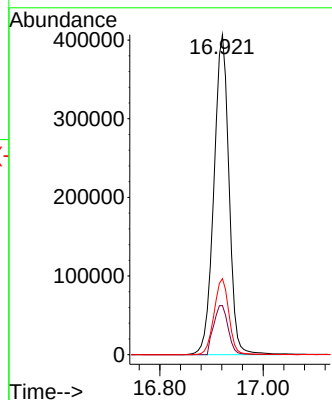
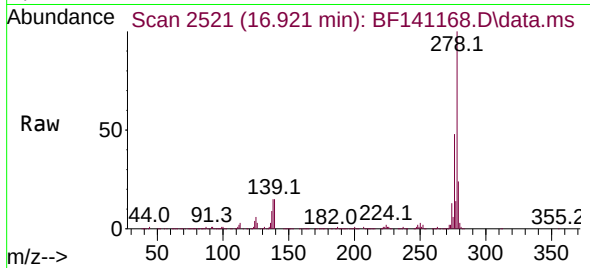




#91
Dibenzo(a,h)anthracene
Concen: 44.196 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Instrument :
BNA_F
ClientSampleId :
PB166008BSD

Tgt Ion:278 Resp: 825053
Ion Ratio Lower Upper
278 100
139 15.4 13.8 20.6
279 23.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 40.720 ng
RT: 17.339 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BF141168.D
Acq: 15 Jan 2025 11:45

Tgt Ion:276 Resp: 790679
Ion Ratio Lower Upper
276 100
277 22.9 19.0 28.4
138 20.4 17.4 26.2

